

Panasonic®



Personal MD system

instruction manual

Part number **RX-MDX61**



Thank you for purchasing the Personal MD System. ỹ Please read this instruction manual and warranty carefully and read them correctly.

Please use it.

Then save it and read it when you need it. ỹ Be sure to fill in the warranty card such as "date of purchase / store name"

Please pick it up from the turtle or retailer.

COMPACT
disc
DIGITAL AUDIO

MDLP

Mini
Disc

Use it well and save electricity well

Attached by warranty

RQT6953-1S



Quickly record to MD Page 29.

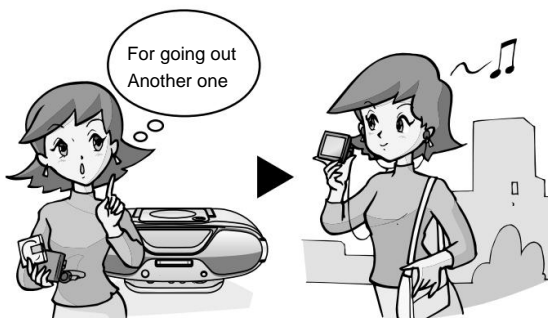
With high-speed recording, you can record in a short time. y



Favorite MD Another one

 Page 48.

You can record from a portable MD to the MD of this unit. y



Play MD by car

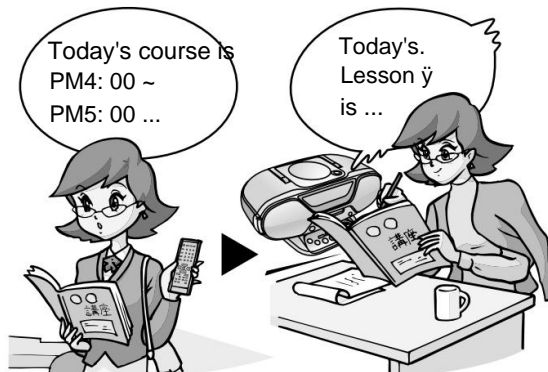
 Page 26.

Is car audio compatible MDLP
please confirm. y



Don't forget to record the radio co Page 44.

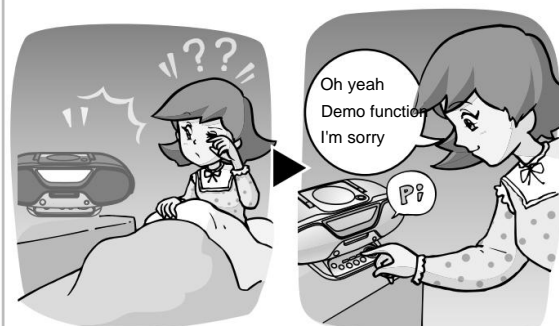
"Voice mail timer" that can record at the reserved time. Even if the power is turned off, the display will automatically light up. Is convenient. y



Demo function

 Page 11

It will change. (Demo function)



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Confirmation and preparation

reproduction

recording

Master

When needed

In order to prevent harm to users and other people and damage to property, we explain that you must follow the instructions below. **Ignoring the displayed contents and misusing them** **The types of contents to be protected and the degree of harm or damage caused by the following** **through this class of fire alarm display, the display of.**
(The following is an example of pictorial display.)

The column of this display is "Death."

	It is expected that there will be a warning that you may be seriously injured . "
Note	The column of this display is "It is assumed that there is a possibility of injury or only property damage".

	Such pictograms are "prohibited" content that should not be done.
	Such pictorial display is a "forced" content that must be executed.

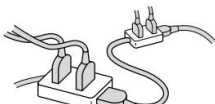
warning

About power cord

Do not damage the power cord or plug .
 Do not bundle or
 bundle it.
 If you use it
 may cause electric
 fire.
 When pulling out,
 it straight out, and pull
 plugs please contact
 your dealer.



Do not use the product beyond the rating of the outlet or wiring equipment, or use it below AC 100 V.



Exceeding the rating with octopus foot wiring, etc. may cause fire due to heat generation.

Make sure to insert the power plug all the way to the base



Incomplete insertion may cause a fire due to electric shock or heat generation. Do not use damaged plugs or loose outlets.

Remove dust from the power plug regularly



If dust collects on the plug, it may cause a fire due to poor insulation due to humidity. Unplug the power plug and wipe it with a dry cloth. If you do not use the product for a long time, unplug it.

Do not insert or remove the power plug with wet hands. It may

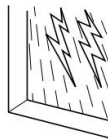


cause electric shock.

No wet hands.

About lightning

If thunder strikes, do not touch the antenna, equipment or plug



No contact

There is a risk of electric shock.

If something goes wrong

If something goes wrong, unplug the power source



When metal, water, or foreign matter gets inside the device Power plug, or a strange odor, or a noise, or a drop in the product damaged.

When metal, water, or foreign matter gets inside the device Power plug, or a strange odor, or a noise, or a drop in the product damaged.

When metal, water, or foreign matter gets inside the device Power plug, or a strange odor, or a noise, or a drop in the product damaged.

Continued use may cause fire or electric shock. Please consult your dealer.

⚠ warning

About use

Do not put anything on the device



⚠ If it gets inside the device, it may cause a fire or electric shock.

⚠ Do not allow metal objects to get inside the equipment, or to splash or get it wet. A



short circuit or heat generation may cause a fire or electric shock. ⚠ Do not place liquid containers or metal objects on the equipment. ⚠ Be especially careful of children.

Do not disassemble or modify

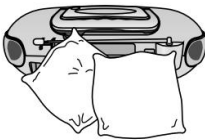


⚠ There is a high voltage part inside, which may cause electric shock and must be **disassembled**.
⚠ For internal inspection and repair, ask your dealer.

⚠ Note

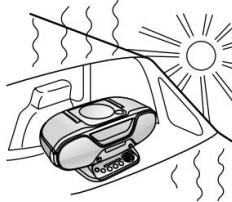
About installation

Does not interfere with heat dissipation



⚠ If heat builds up inside, the case of the equipment may be deformed or it may cause a fire.
⚠ Be careful not to block the heat dissipation holes on the rear surface.

Do not leave it around when the temperature becomes abnormally high



⚠ In addition to deteriorating the surface and parts of the equipment, it may cause a fire.
⚠ Be especially careful in a closed car in summer, in direct sunlight, or near a stove.

⚠ Do not place in a place with a lot of humidity, humidity or dust when exposed to oily smoke or steam. Electricity can transmit oil, moisture and dust, which can cause fire and electric shock.

⚠ Do not place in an unstable place. The device may fall or fall, resulting in injury.

About batteries

⚠ Handle the battery properly.



⚠ Enter (and) correctly. Take it out when not in use for a long time

⚠ Improper handling may cause a fire or stain on the surrounding area due to battery leakage. ⚠ If any liquid leaks, please contact your dealer. ⚠ If the liquid gets on your body, wash it off thoroughly with water.

⚠ Batteries should not be used incorrectly.



Do not use new / old batteries or different types of batteries together
⚠ Do not charge dry batteries. ⚠ Do not heat / decompose or put in water or fire. ⚠ Do not mix with metal objects such as necklaces.
⚠ Do not use rechargeable batteries as a substitute for dry batteries. Do not use batteries with peeled coating

Precaution

Confirmation and preparation

Be

sure to pro

Safety Precautions (continued) Checking accessories



Note

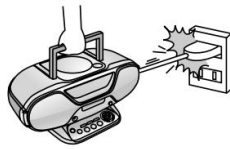
About use

ⓘ Do not use specially shaped discs such as cracked, deformed discs or heart-shaped



discs. Since it rotates at high speed, it may scatter or pop out, causing injury. ⓘ Do not use discs that have been repaired with adhesive, etc., as they are also dangerous.

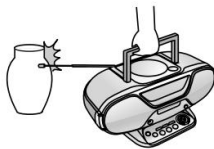
Does not move with the cord connected



ⓘ If you try to move it while it is connected, the cord may be damaged and cause a fire or electric shock. ⓘ Also, it may get caught and cause injury.

May become.

Do not carry with the antenna extended



ⓘ The antenna may get caught in or hit something and cause injury.

Don't get on the device



ⓘ It may be damaged and cause injury.

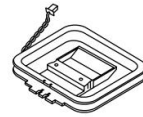
increase. ⓘ Be especially careful of children.

When using headphones, do not turn up the volume

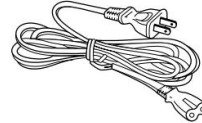


ⓘ Listening at a loud volume that irritates your ears for a long time may adversely affect your hearing.

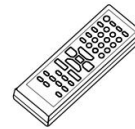
☐ AM loop antenna 1 (Part number G0ZZ00002036)



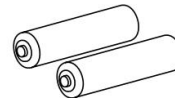
☐ Power cord 1 (Part number RJA0012-K)



☐ Remote control 1 (Part number EUR7711070)



☐ AA batteries for remote control 2



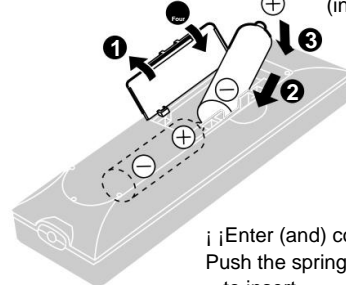
ⓘ The included power cord is for this unit only. other Do not use it on equipment.

ⓘ For replacement of accessories, please contact the store where you purchased the product. The part number in parentheses () is the part number at the time of replacement.

Remote control preparation

The back side of the remote control

2 AA batteries (included)



ⓘ Enter (and) correctly.) Push the spring on the side to insert

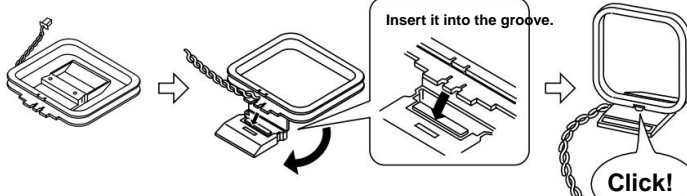
ⓘ For failure

prevention. Do not disassemble or modify.

ⓘ Do not put heavy objects on it. ⓘ Do not leave it in direct sunlight. ⓘ Do not spill liquids such as juice.

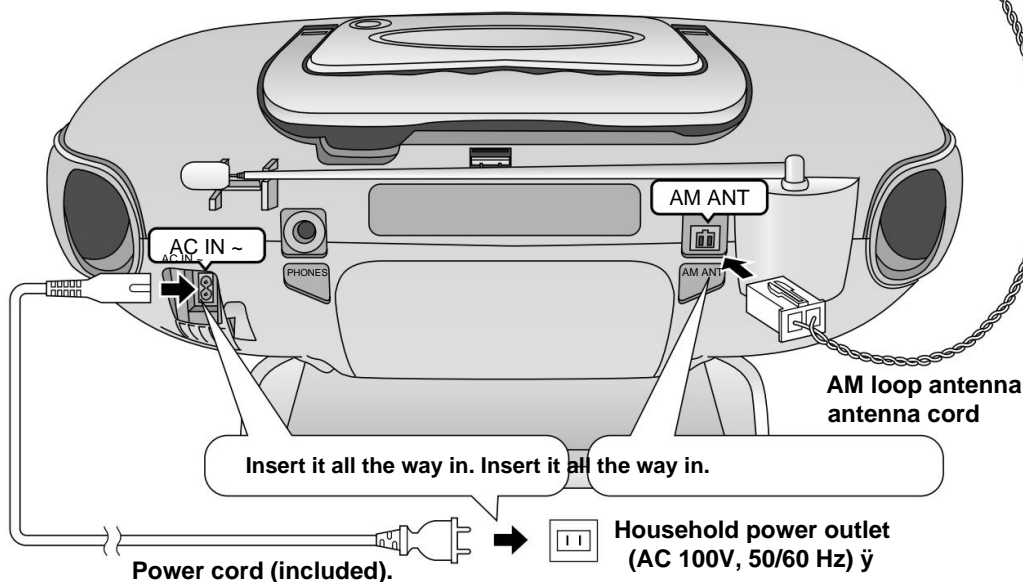
Use with a household outlet. It cannot be used with batteries.

Assembling and connecting the AM loop antenna (included)



To remove the AM loop antenna.

Gently pull on the cord of the AM loop antenna. ỹ



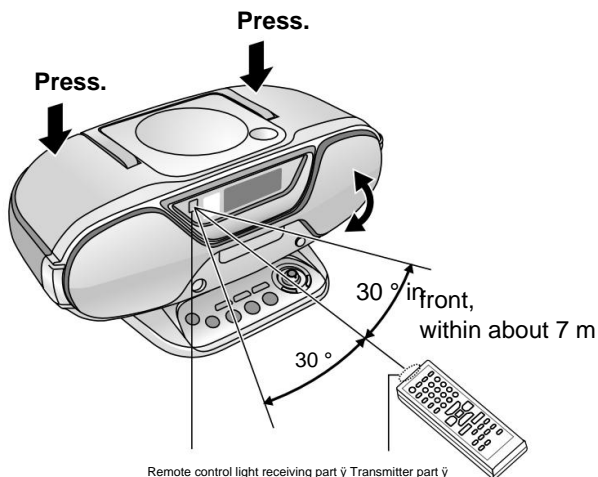
Installation and how to use the remote control

You can adjust the orientation of the main unit upward.

ĩ Position it so that it is easy to hear and the display is easy to see. ĩ It can be moved upward by about 15°.

please

The speaker of this unit is not designed to be magnetically shielded. Do not place it near a TV or PC.



Precautions for use ĩ Do

not place any obstacles between the light receiving part and the remote control. ĩ Do not expose the light receiving part to direct sunlight or strong light from an inverter fluorescent lamp. ĩ Be careful of dust on the light receiving part and the transmitting part.

Precautions for

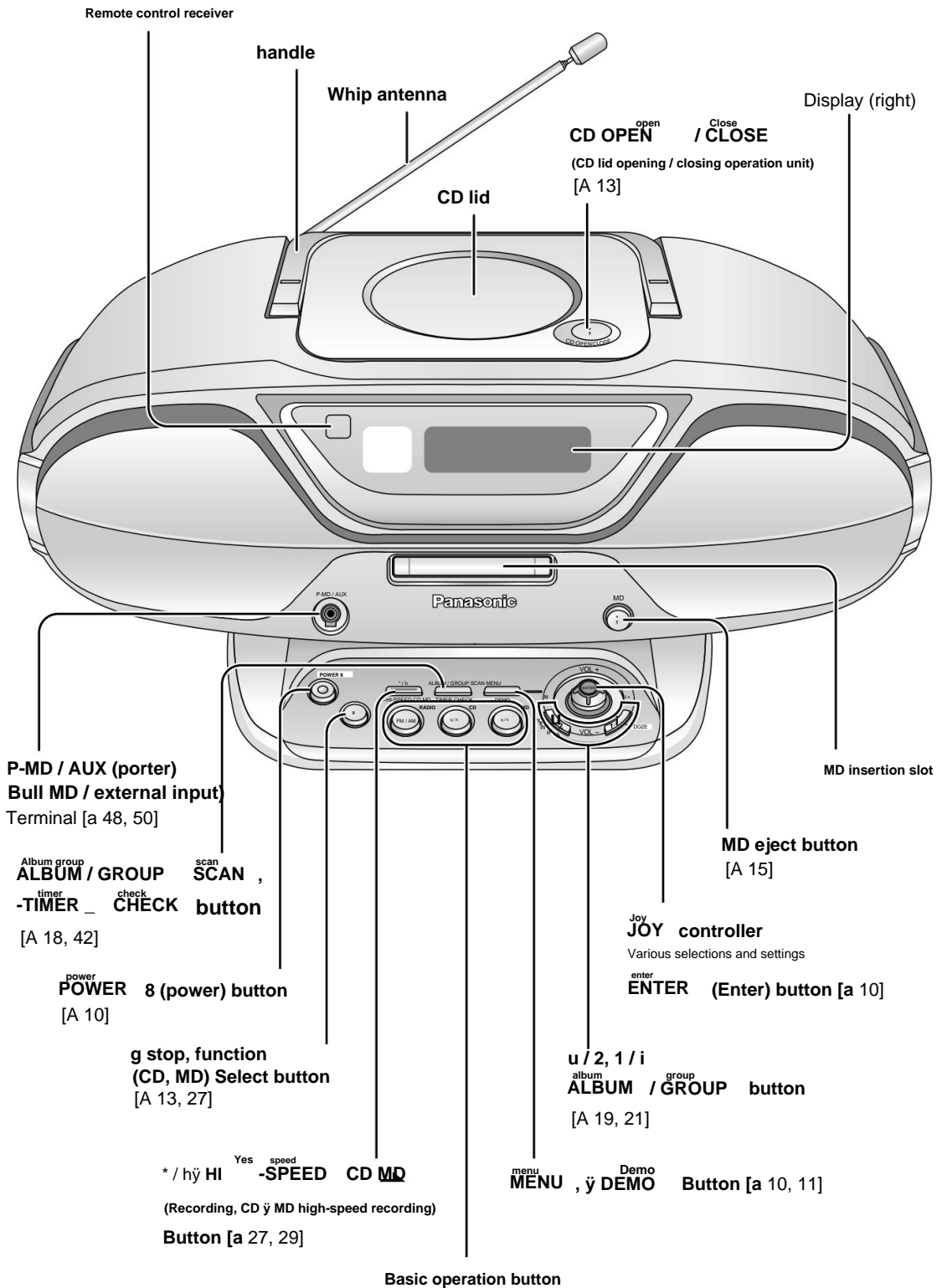
Approval of the attached remote control

Confirmation and preparation

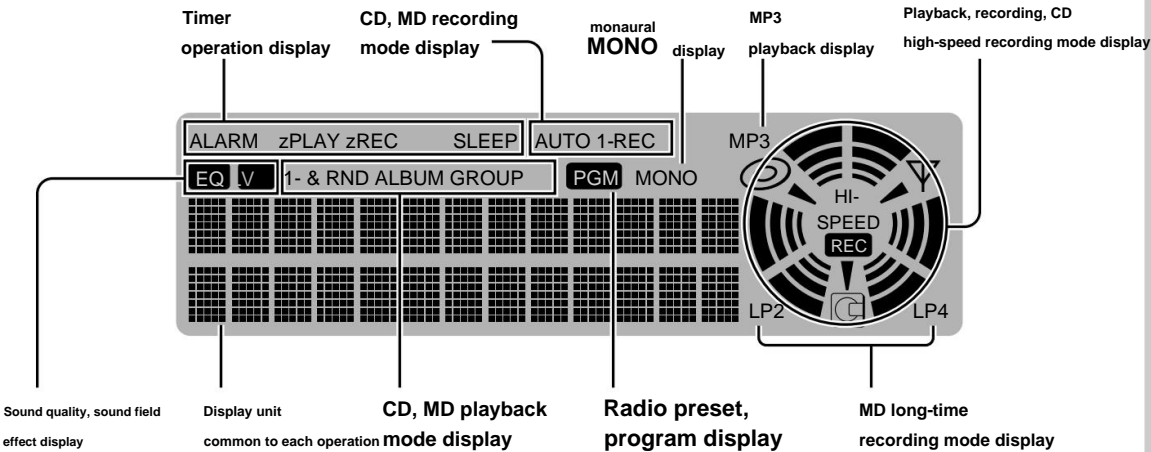
A Setting place Preparation of the power source and the

continuation of the connection between M and the remote system.

Body

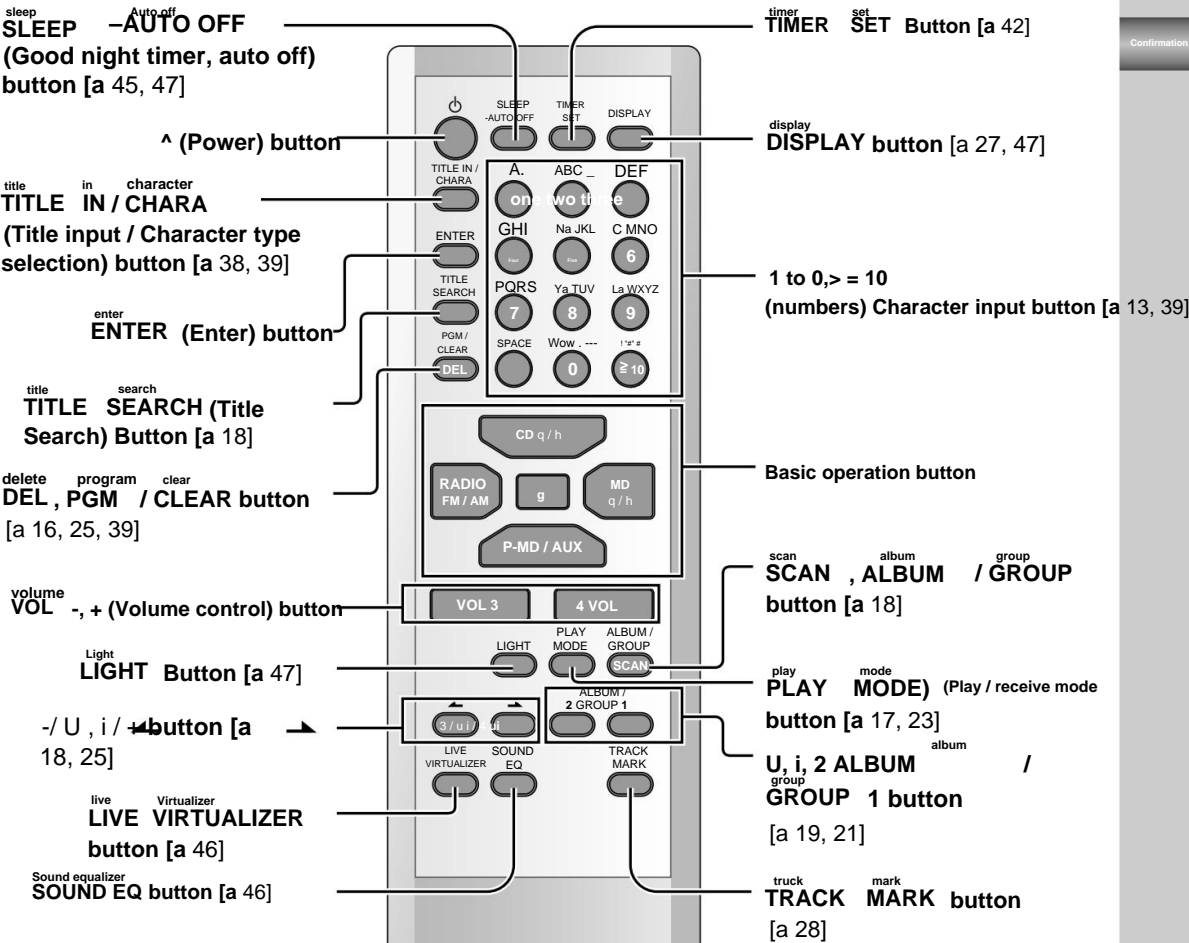


Display



Name

Remote controller



Set the clock The clock of this unit is displayed for 24 hours.
Example: Set to 16:25 (4:25 pm).

one

POWER

Press Power put in

two

MENU
— DEMO

push
Press again
And to the original display
i will be back.

three

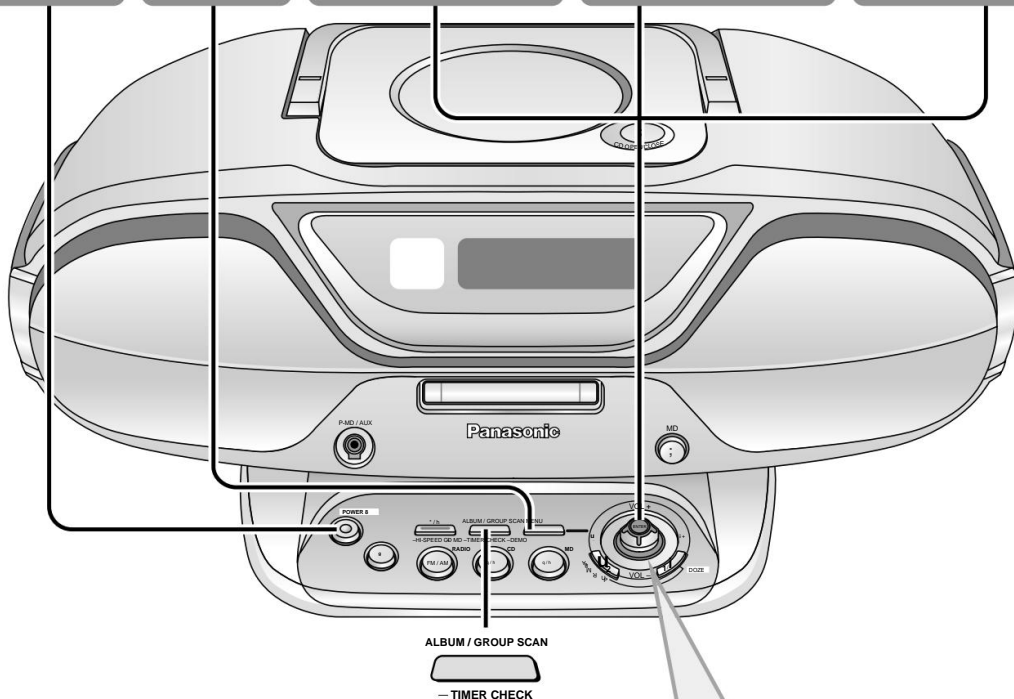
ÿ Tilt
“CLOCK
Select "ADJUST"
CLOCK ADJUST
ÿ Press [ENTER]

Four

Within 10 seconds
Tilt
Set the time
CLOCK 16:25
i Set the hours and minutes at the same time.
i If you keep it tilted, it will be fast
Can be changed.

Five

Press
Start the clock
Let
CLOCK 16:25
i Press according to the time signal etc.
increase.
i Return to the original display in about 1 second
I will.



JOY How to use the controller

There are three types of operation methods for the JOY controller.
I have.



Gently tilt left and right



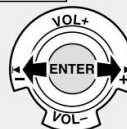
Gently tilt up and down



Press [ENTER]

In this book, how to use the JOY controller,
It is represented by an illustration as follows.

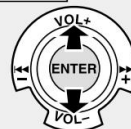
Left and right



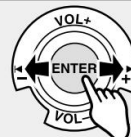
Press [ENTER]



Up and down



ÿ Tilt left and right,
ÿ Press [ENTER]



To check the clock of this unit



DISPLAY

Press a few times,

Display "CLOCK" and check the clock.

CLOCK 16:25

When the power is turned off, the clock will be displayed if the clock is set. (Press and hold [ALBUM / GROUP SCAN-TIMER CHECK] on the main unit to turn on the light and make it easier to see. It turns off automatically in about 3 seconds.

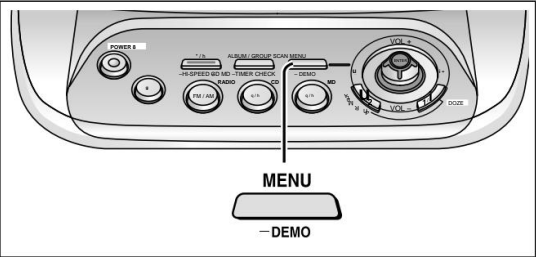
Information

Clock accuracy is about 1 minute per month at room temperature. We recommend regular time correction. If the power is restored within about 74 minutes after a power failure, the entire clock display will blink. This blinking will be canceled once the power is turned on. At this time, make sure that the clock is correct. When you set the clock, the demo function (right) is automatically turned off.

Demo function

When you plug the power cord into the outlet, the display automatically lights up and you can enjoy the changes one after another. This is called the **demo** function.

At the time of purchase, the demo function is set to "On". If you leave the demo function on, the display will not turn off even if the power is turned off, and the demo function will work.



MENU

-DEMO

To turn off the demo function



While the demo function is running

Press and hold until "DEMO OFF" is displayed

DEMO OFF

Every time you press and hold
DEMO OFF (OFF) v DEMO ON (ON)

When you set the clock of this unit, the demo function is automatically turned off. For how to set the clock, see "Set the clock" (left page).

please

If you unplug the power plug for about a week or more, the demo function will return to "ON". Please turn it off again by the above operation.

About memory retention

If the power plug is plugged into the outlet for at least 3 minutes, the unit retains the set memory contents as shown on the right even if there is a power failure or the power plug is unplugged from the center. The memory contents will be erased if there is a power failure or the power plug is unplugged from the concert beyond the retention period. If the memory contents disappear, set it again. If you do not want to erase the memory contents, we recommend that you plug the power plug into the outlet even when the power is turned off. (Power consumption when the power is turned off: Approximately 0.6 W)

- Items to be held for about 74 minutes.
Current time Timer setting (contents other than time)
- Items to be retained for about 1 week.
Timer setting (time) ; Broadcasting station settings (area bank) ; Broadcasting station settings (manual memory) ; MD program contents ; Demo function settings ; Sound quality settings, etc.

It is difficult to change the

timetable

Confirmation and preparation

J Me
O mo

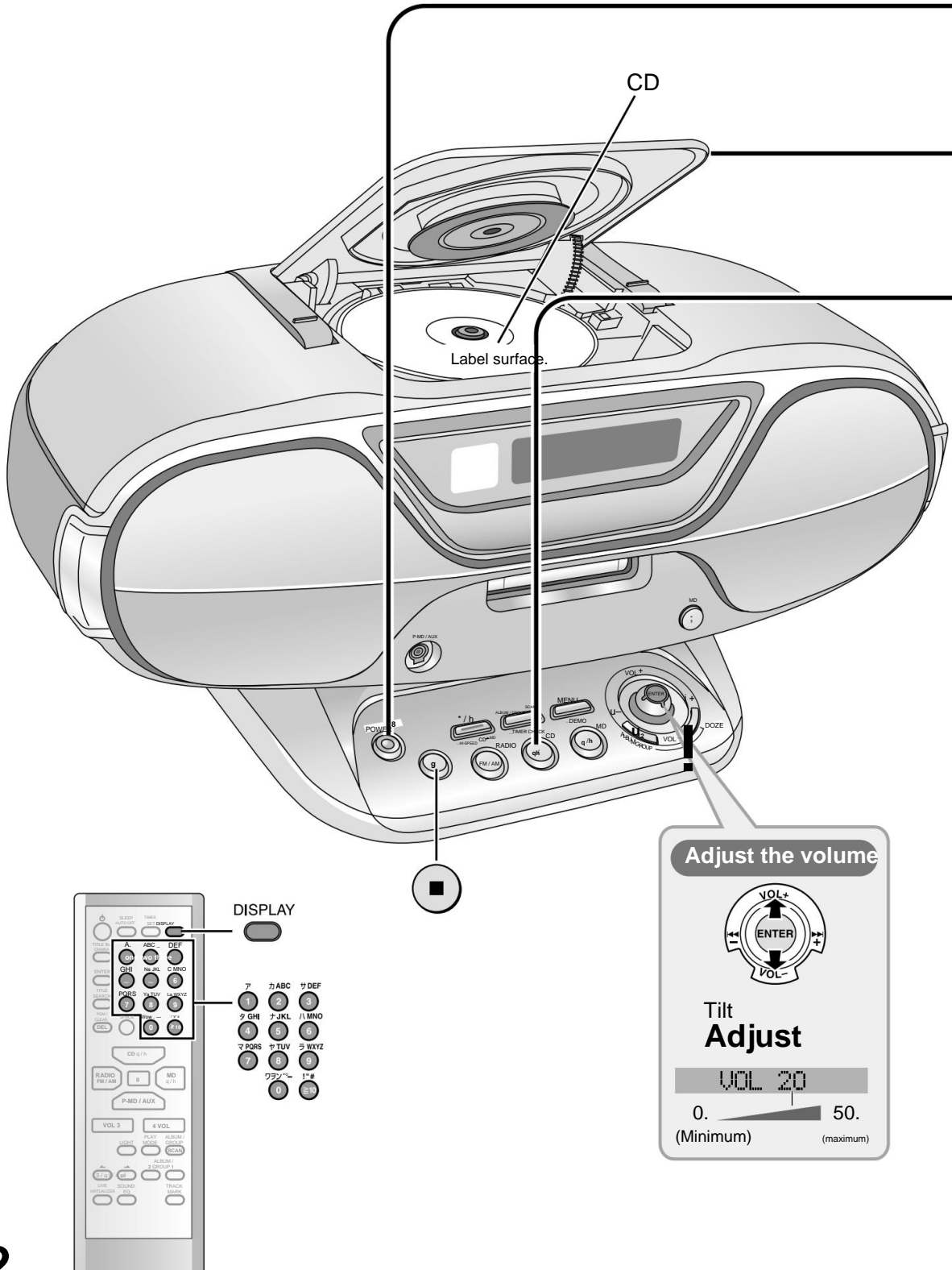
How to use it

keep the Y link

Listen to the CD

If you are new to CDs, read "About CDs" on page 52.

MP3s take a long time to load. Please wait until the "TOC Reading" display disappears.

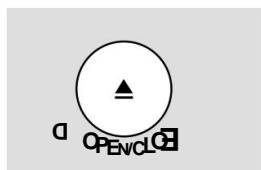


1

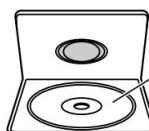


Press
Turn on the power

2



Press to open the CD lid
Insert a CD
Close the lid

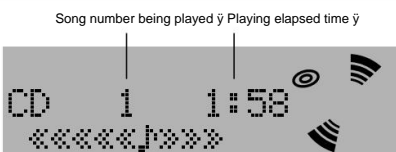


ラベル面を
上に向ける

3



push
Play from the first song.



Song number being played ~ Playing elapsed time ~

Stop on the way



push

~ Total number of songs, total playback time when stopped
is displayed.

~ For MP3, total playback time is displayed
It will not be.

CD 14 68:25

Total number of songs ~ Total playback time ~

Pause

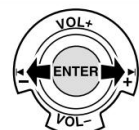


push

Another way to resume
Press once.

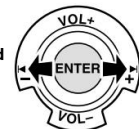
Before and after the song

**Jump over
(skip)**



Tilt

**Fast forward / fast rewind
do
(search)**



Playing / Temporary
While stopped

**Stay tilted
To**

Search is not possible for MP3s.

**From your favorite song
listen
(Direct play)**

Remote control only



push

~ To select song number 10 or above
(Example: 24)



~ To select song number 100 or above
(Example: 235)



**Remaining time etc.
View information**

Remote control only

DISPLAY



push

~ Each time you press it, the display on the display is turned off.
It will be replaced.

~ For MP3, the remaining time is displayed
I can't.

Eject the CD



While stopped

push

The CD lid will open.

please

~ Immediately after inserting the CD and closing the CD lid, or during playback, temporarily

Do not open the CD lid while it is stopped. CD is ta

The CD may be scratched if it comes off the table.

increase.

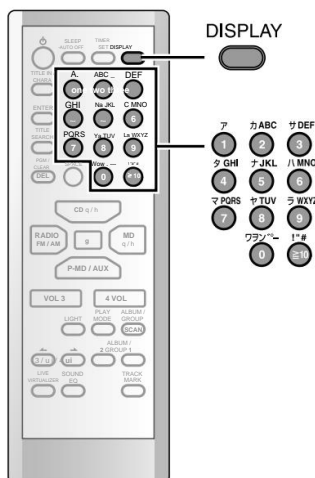
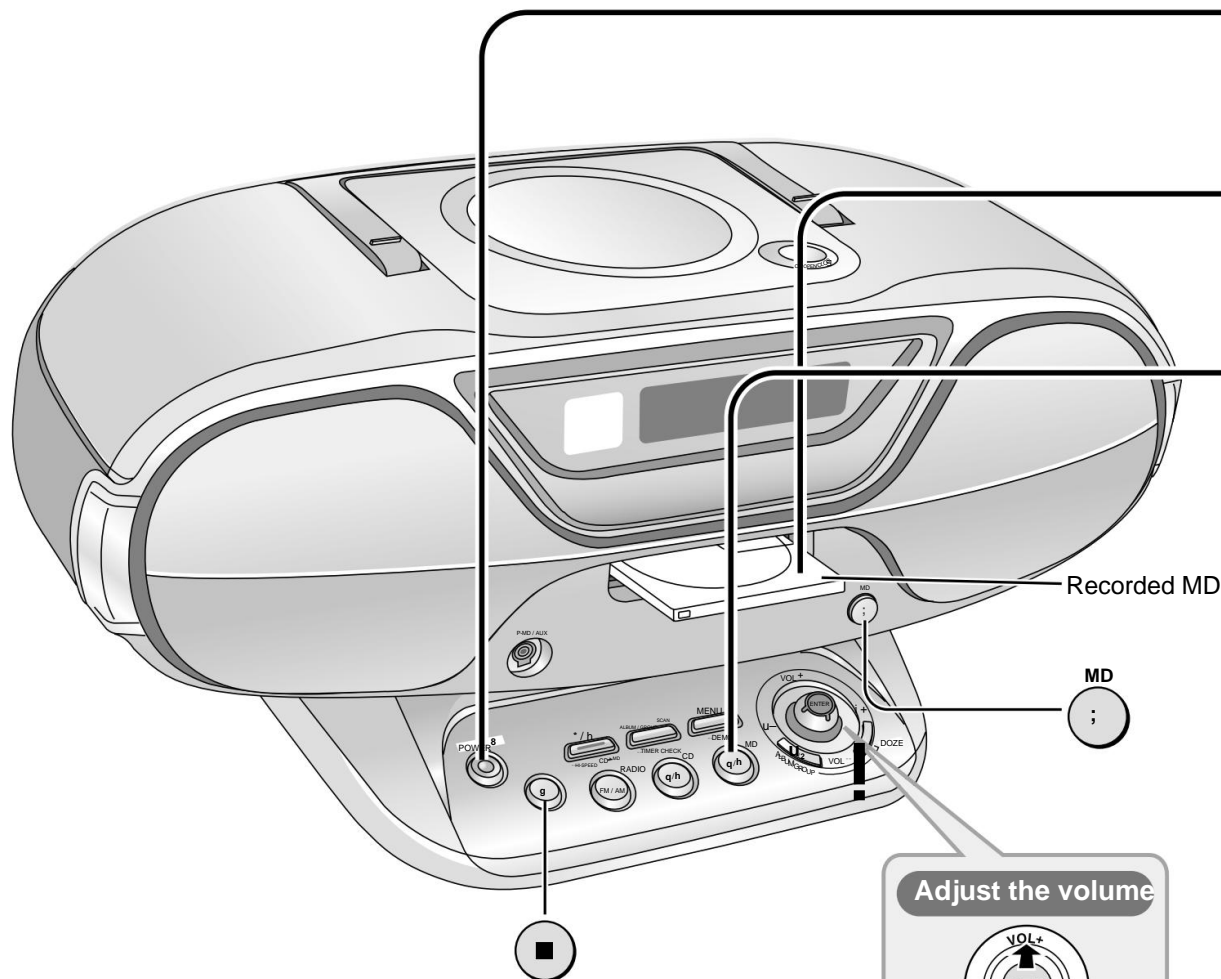
~ Open the CD lid with the handle tilted down.

news

~ If you already have a CD, start from step 3

Then, the power will be turned on automatically and playback will start. (one
Touch play)

If you are new to MD, read "About MD" on page 51.



MDLP About (long-time stereo recording / playback)

MDLP Is a long-time (2x or 4x) stereo with audio compression technology

It is a method that can record and play back.

According to the recording mode (LP MODE OFF / LP2 / LP4)
Play

During playback, the following is displayed on the display.

- ⌋ In standard time recording mode (LP MODE OFF)
 - For recorded songs: No display
 - For songs recorded (stereo) for twice as long: "LP2"
 - For songs recorded (stereo) for 4 times longer: "LP4"

MDLP To record with (1 26 page)

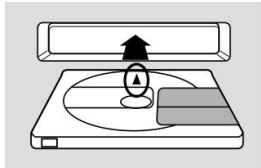


1



Press
to turn on power

2

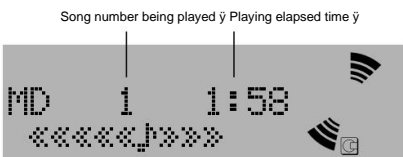


Insert a recorded MD
Push in the MD and it
will be pulled in automatically.

3



Press
Plays from the first song.



Stop on the way



When stopped, the total number of songs and the total
playback time are displayed.



Total number of songs γ Total playback time γ

Pause



Press Press
again to resume.

Jump back
and forth
between songs (skip)



Tilt

Fast forward /
rewind (search)



Keep tilted
during
playback /
pause

Listen from your
favorite song
(direct play)

Remote control only

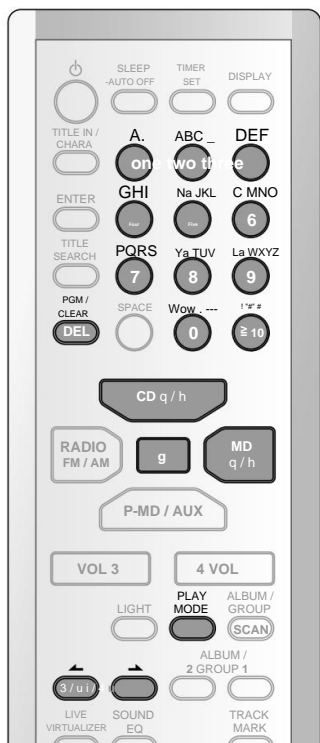


How to listen to CD / MD

Common preparation



Press
Select "CD" or "MD"



Program play

Press [g] to stop
playback. (Reservation details will be retained)

To cancel the program,
press [DEL PGM / CLEAR] while stopped.

"PROGRAM CLEAR" will be displayed and the reservation details will be cancelled. [i] It is also released when the disc is ejected.

[j] With a CD, it will be released even if there is a power failure or the power plug is removed. increase.

To check the reservation

details, press [-/u] or [i /] while stopped. Each time you press it, the song number and reservation order will be displayed.

To add a reservation,

press the number button and select the song number while "PROGRAM" is displayed.

[k] In the middle of

reservation. When "PROGRAM FULL" is displayed,

it means that the number of reserved songs has exceeded 24 songs. No more reservations can be made. [l] When "----" is displayed, it means that the reservation time has reached 250 minutes. However, you can continue to make reservations.

Listen to your favorite songs in the order
of reservation (program play)

Remote control only

You can reserve up to 24 songs.

1

PGM/
CLEAR
[DEL]

Press while
stopped

MD 10 46:32
PROGRAM

2



Press to
select the song number

[y] To select song number 10 or higher, press [>] (= 10) once and press the number button. Example: When the song number is 24



[y] To select a song number of 100 or more, press [>] (= 10) twice and then press the number button. Example: When the song number is 235



Reserved song number Reservation order.

MD 4 ---01

MD 4 4:01

Total playback time

Repeat this operation to select the song number

3 Press



または



The reserved songs are played in order and
automatically stopped.

Information

[i] You can only search on the CD for the song that is playing.

[j] MP3s do not display the total play time.

[k] In MP3, when the power is turned off and then on again or the mode is switched, the number of albums and the number of tracks may be recognized differently from the previous time. In that case,

"PROGRAM CLEAR" will be displayed and the reservation details will be canceled. Please make a reservation again.

Listen in no particular order (random play)

Remote control only

Play each song once in random order.

1

PLAY MODE

RND

MD 10 46:32

RANDOM

Press while stopped

Select "RANDOM"

OFF ꝿ TRACK REPEAT ꝿ ALL REPEAT

ꝿ ꝿ ꝿ

GROUP REPEAT ꝿ GROUP ꝿ **RANDOM**

ꝿ "GROUP" and "GROUP REPEAT"

are displayed only on the MD that

is editing the group.

2 press

CD ▶/II

または

MD ▶/II

Playback will start.

Repeat playback (repeat play)

Remote control only

When repeating one song : TRACK REPEAT
When repeating all songs : ALL REPEAT

1

PLAY MODE

1- &

MD 10 46:32

TRACK REPEAT

Press while stopped

"TRACK REPEAT" or

Select "ALL REPEAT"

ꝿ &

MD 10 46:32

ALL REPEAT

OFF ꝿ TRACK REPEAT ꝿ ALL REPEAT ꝿ (1-x) (x) ꝿ

GROUP REPEAT ꝿ GROUP ꝿ RANDOM

ꝿ "GROUP" and "GROUP REPEAT"

are displayed only on the MD that

is editing the group.

2

Repeat one song

ア カ ABC サ DEF

① ② ③

タ GHI ナ JKL ハ MNO

④ ⑤ ⑥

マ PQRS ヤ TUV ラ WXYZ

⑦ ⑧ ⑨

ワ ユン ゼ ⑩

⑪ ⑫

Press Playback starts.

ꝿ To select song number 10/100 or higher (a left page)

Repeat all songs

CD ▶/II

または

MD ▶/II

Press Playback starts.

Random play

To cancel ,
press [PLAY MODE] and select "OFF" while stopped.

news

ꝿ You cannot skip to the previous song during random play. ꝿ Search is only in the song being played. ꝿ It cannot be done at the same time as program play. ꝿ Random play of MP3 is not possible with this unit. ꝿ "TRACK REPEAT" and "ALL REPEAT" cannot be selected during random play.

Repeat play

To cancel ,
press [PLAY MODE] and select "OFF".

To repeat a few songs you like (program repeat) ꝿ Start playback with program play. (ꝿ Left page) ꝿ Press [PLAY MODE] and press "ALL REPEAT"

To choose. You can operate during playback. Pressing playback In TRACK REPEAT, the song you are listening to is played repeatedly.

C
D
/
M

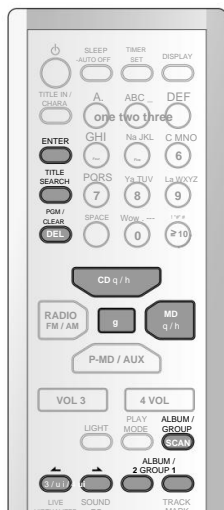
How to

reproduction

How to listen to CD / MD (continued)

Common

preparation: Press [g] to select "CD" or "MD".



Find and listen to songs in the intro (Album / group scan)

MP3 / MD only

MP3 plays each album, and MD plays the first song of each group in order for about 10 seconds.

1

ALBUM/
GROUP
SCAN

While stopped, the first song to be pressed starts playing.
If the MD is not grouped, "NO GROUP" is displayed and the original display is restored.

Example: MD

GROUP SCAN

2

press

または



Play from the position you are scanning.

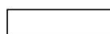
Album group scan

Press [g] to **cancel in the middle**.

"SCAN OFF" is displayed and the screen is

canceled. **It can also be operated on the main unit.** Operate the button with the same

name. Press [u 2 ALBUM / GROUP] or [i ALBUM / GROUP 1] **to hear the intros of the previous and next albums / groups . news**



"ERROR" is displayed during program and random setting, and scanning is not possible.

Search for and listen to songs by title (title search)

Remote control only

MP3 / MD only

You can use katakana, alphabets, numbers, and symbols for searching. (Up to 13 characters)

1

TITLE
SEARCH

Press while stopped

TITLE SEARCH

The title input screen is displayed.

2

Enter the title (\ 39 page) Enter it correctly because it is searched with distinction between uppercase letters, lowercase letters, and spaces.

Example: "Natsu Best"

ナツ ベスト

If you don't know the exact title, you can search for just a few letters.

3

Press

The search will start.

TITLE SEARCH

When a candidate song is found

T 12 FIND
ナツ ベスト

Four

for



the previous
or next candidate song.

5

Press

または



Play from the searched song.

Title search

To cancel in the middle, press [y] or [TITLE SEARCH].

"SEARCH OFF" is displayed and the screen is canceled.

When "NOT FIND" is

displayed, it means that the candidate song was not found.

Press [TITLE SEARCH] and enter another search term to search. **Information** | You can search for the 31st character

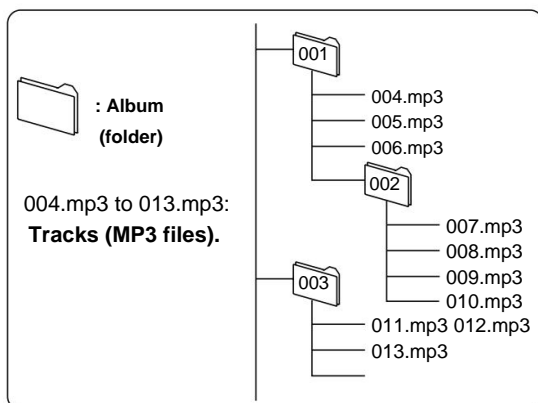
from the beginning of the title. | The title you entered last time is remembered. Press [DEL PGM / CLEAR] to erase unnecessary titles and enter a new title. | "ERROR" is displayed during program and random settings, and title search is not possible.

MP3 Differences from CD-R / RW recorded in

- ; In this machine, the folder name created on the personal computer MP3 file names are treated as album names and track names.
- ; MP3 fast forward / rewind and random play are not possible with this unit.

To make a disc that can be played on this unit

- ; Format: ISO9660 level 1 or level 2 ; If you want to play in the order you like, add a number with the same number of digits to the beginning of the folder and file name in the order you want to play. (Figure below) However, it may not be possible to play in order.
- ; Folders that do not contain MP3 files will be skipped. ; Kanji and Hiragana are displayed on a computer, but are blank on this machine. When naming folders and files on your computer, use katakana, alphabets, numbers, and symbols so that they can be displayed on this unit.
- ; Please also refer to the instruction manual of the MP3 file creation software. Playback may not be possible depending on the recording status.

**news**

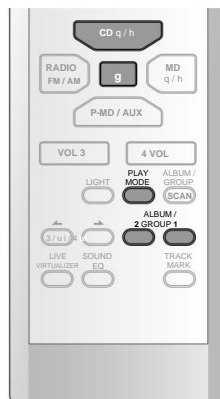
- ; You can play up to 256 albums and 999 tracks.
When there are multiple folders in a deep hierarchy, not all folders and files may be recognized.
- ; This unit supports multi-session.
If the number of sessions is large, it will take time to start playback, so it is recommended to reduce the number of sessions. ; If both MP3 and CD-DA (regular music CD) formats are recorded on the same disc in different sessions, only the format used in the first session will be played.
- ; When recording to MD, the track name of MD will be the file name of MP3. ; The title can be displayed up to 31 characters (half-width) only for the characters that can be displayed on this unit. The extension is not displayed. ; Discs recorded by the packet writing method can be played not.
- ; Album play can be done at the same time as program play plug.
- ; This unit does not support ID3 tags.

Listen by album**Remote control only**

The basic operation is the same as for a CD. This section describes MP3-specific features.

Preparation: Press [g] and select "CD".

- Listen to only one album: ALBUM • Repeat
one album: ALBUM REPEAT

**1****PLAY MODE**

Press while stopped
"ALBUM" or
Select "ALBUM REPEAT"

Album play

ALBUM
ALBUM

Album repeat

& ALBUM
ALBUM REPEAT

OFF y TRACK REPEAT y ALL REPEAT

y ALBUM REPEAT y ——— ALBUM

2**press****ALBUM/GROUP****Choose an album****3****Press****CD****Playback will start.****Listen by album**

To cancel , press
[PLAY MODE] and select "OFF" while stopped.

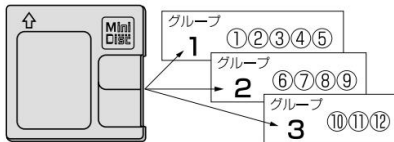
To jump back and forth between albums (Skip Album) Press [u 2
ALBUM / GROUP] or [i ALBUM / GROUP 1] and select the album you want to hear.

CM
D P
3 /
M
D
How
to
listen

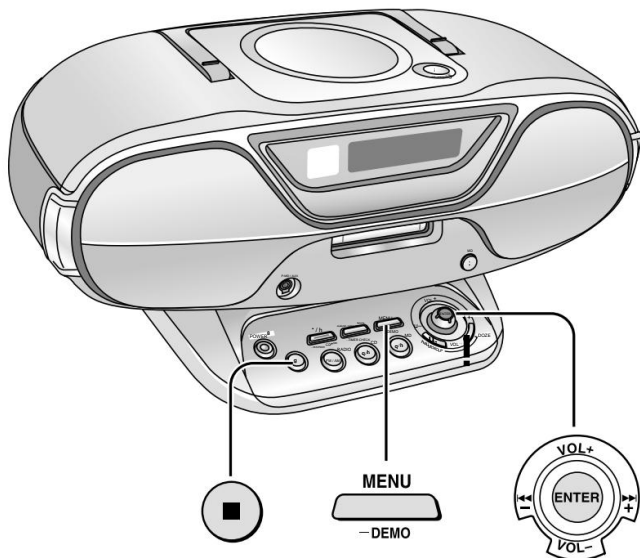
reproduction

Listen to MD in groups

The songs recorded on MD with one group
Can be managed. (Up to 99 groups)



If you record one CD (130 pages),
All recorded songs are treated as a group.
(Depends on the availability of the UTOC area)



Group editing

To stop group editing in the middle
Press [g].

news

- ¡ You can make a group of consecutive songs (example: 3rd to 9th songs)
Only the song). Like "3rd and 7th and 9th songs"
- ¡ If the songs are far apart, you cannot group them.
- ¡ You can make a group with just one song.
- ¡ You cannot put a song in more than one group.
- ¡ The order of the groups is not the edited order, but the song number is small
It will be in the last order.
- ¡ MDs that have been group-edited with this unit are not paired with the group function.
Group management information cannot be used when editing with a compatible model
May become.
- ¡ MDs that have been group-edited with this unit are not paired with the group function.
The disc title is correct when played on a compatible model.
can not be displayed.
- ¡ During program, random, and group play settings
You cannot edit or break the loop. Solve each mode
Please remove.
- ¡ Program, random, 1 song repeat, group play
You cannot change the title during setting. Please cancel
- ¡ Even when MD is protected from accidental erasure, you can edit the group.
I can't.

Group songs (group editing)

Preparation:

(1) Insert the MD for group editing.

ÿ Press [g] and select "MD".

Example: Make song numbers 3 to 9 into one group.

1



2



ÿ Tilt and select "EDIT MODE"

EDIT MODE

ÿ Press [ENTER]

ÿ Tilt and select "GROUP?"

GROUP?

ÿ Press [ENTER]

ÿ Tilt and select "GROUP SET?"

GROUP SET?

ÿ Press [ENTER]

The MD for group editing for the first time is
Only "GROUP SET?" Can be selected.

ÿ Tilt to select the track number

GROUP 1SET
3? ~

ÿ Press [ENTER]

ÿ Tilt to select the track number

GROUP 1SET
3 ~ 9?

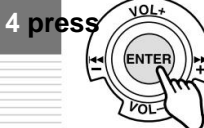
ÿ Press [ENTER]

3

Remote control only

Give the group a title
(A page 38)

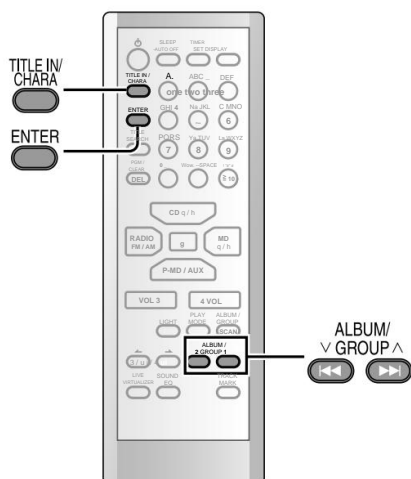
4



Blinking "UTOC Writing"
After that, group editing is completed
To do.

Change the group name

Remote control only



1 **ALBUM/V GROUP** **Press**
to select a group

2 **press**
CHARA

Retitle groups
(A page 38)

Four **ENTER** **Press**
"UTOC Writing" flashes, then the
change is complete.

Ungroup

To **cancel one group**

Press [MENU-DEMO] while stopped. (2) Tilt the JOY controller to the left or right to select "EDIT MODE" and press [ENTER]. Select "GROUP?" In the same operation and press [ENTER]. Select "1-RELEASE?" In the same operation and select Press [ENTER].

Select the group you want to cancel with the same operation, Press [ENTER]. Press [ENTER].

"UTOC Writing" is displayed. To

cancel all groups Press [MENU-DEMO] while stopped. (2) Tilt the JOY controller to the left or right to select "EDIT MODE" and press [ENTER].

Select "GROUP?" In the same operation and press [ENTER]. Select "ALL RELEASE?" In the same operation and select "ALL RELEASE?"

Press [ENTER].

Press [ENTER].

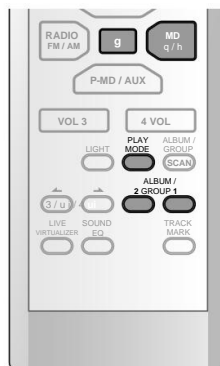
"UTOC Writing" is displayed.

Listen in groups

Remote control only

First, group the songs. (A left page)
Preparation: Press [g] and select "MD".

- **Listen to only one group:** GROUP
- **Repeat one group:** GROUP REPEAT



1 **PLAY MODE** **Press while stopped**
"GROUP" or
Select "GROUP REPEAT"

Group play



Group repeat



OFF ỹ TRACK REPEAT ỹ ALL REPEAT
ỹ ỹ
GROUP REPEAT ỹ GROUP ỹ RANDOM

- During program setting, "GROUP", "GROUP REPEAT" cannot be selected.
- "GROUP" and "GROUP REPEAT" are displayed only on MDs that are being group-edited.

2 **press** **Choose a group**

3 **Press** **Playback will start.**

Listen in groups

To cancel, press [PLAY MODE] and select "OFF" while stopped. **To jump back and forth between groups (Skip group)** Press [u 2 ALBUM / GROUP] or [i ALBUM / GROUP 1] and select the group you want to hear.

M

Listen

reproduction

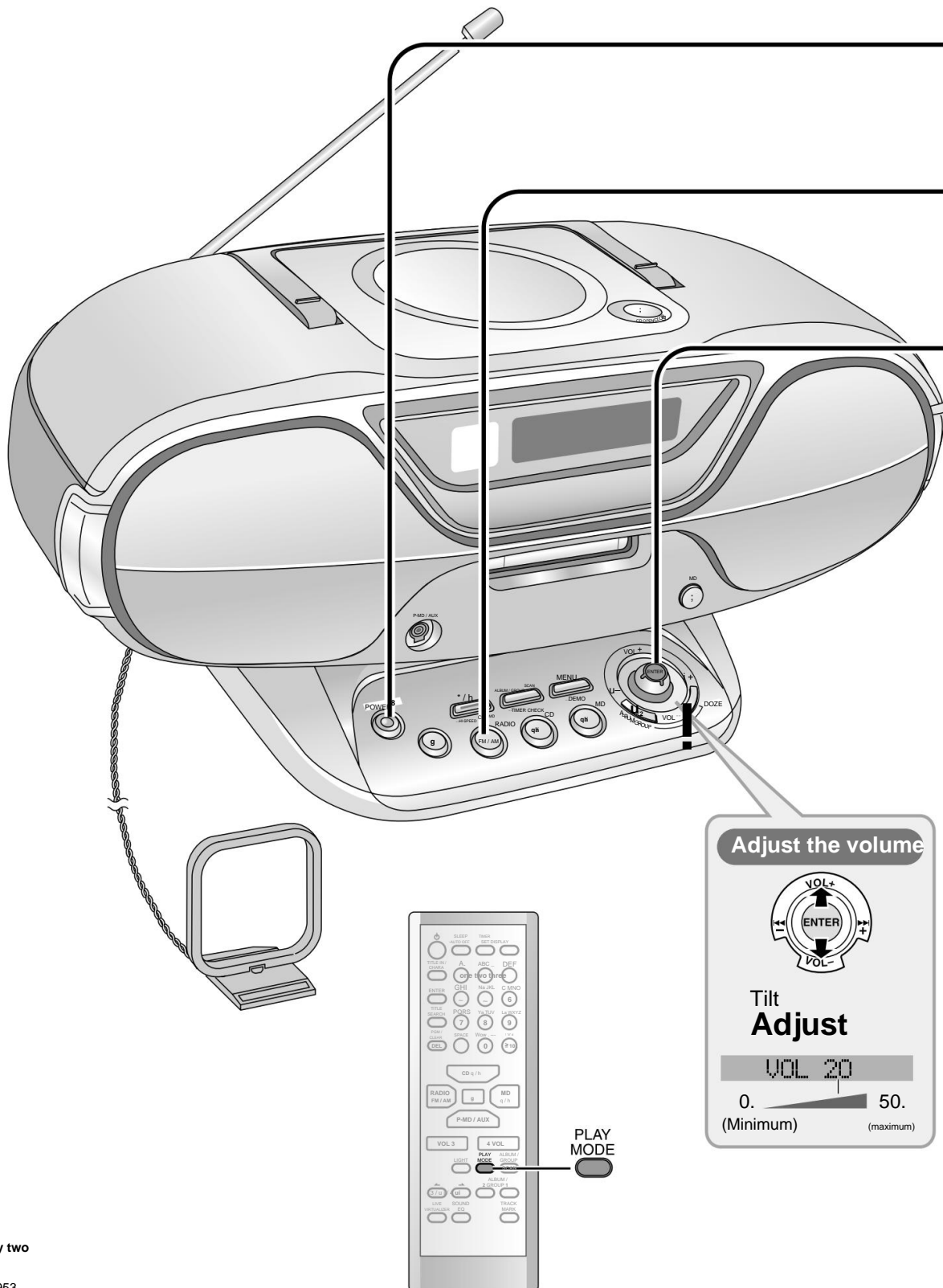
Listen to the radio

Preparation:

Connect the AM antenna. (\ 7 pages)

If you do not connect, you will not be able to tune in.

TV audio (channels 1 to 3 only) is received by FM.



1



2



F M 76.0 MHz
*****b****

3



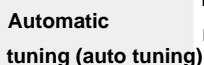
The TV reception position is:

FM 76.0 MHz \longleftrightarrow FM 90.0 MHz

\updownarrow \longleftrightarrow \updownarrow

TV 3ch \longleftrightarrow TV 2ch \longleftrightarrow TV 1ch

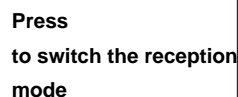
F M 88.1 MHz
«««««j»»»»



Keep tilted until the frequency starts moving, then **release your finger**

AUTO TUNING

When it receives a broadcast station, it automatically stops. Repeat the same operation until you receive your favorite station.



When there is a lot of noise in FM stereo broadcasting

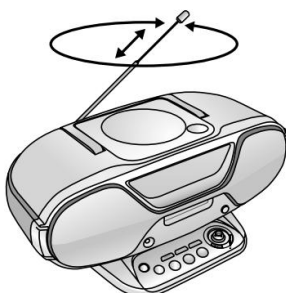
Remote control only

MONO ! Off
each time pressed (AUTO STEREO)
(Forced monaural) (Automatic discrimination)

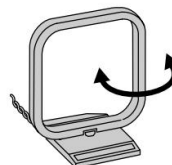
F M 88.1 MHz
MONO

j The sound will be monaural, but the noise will be reduced and it will be easier to hear. (Only when receiving FM 76.0 to 90.0 MHz) i Normally, turn off "MONO".

Place the unit near a window and adjust the length and orientation of the FM whip antenna.



Place the unit near a window and adjust the position and orientation of the AM loop antenna.

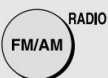


AM and TV audio is monaural. Since the TV reception circuit of this unit is also used as the FM reception circuit, FM broadcasting may interfere with 2 or 3 channels.

Remember and listen to the station

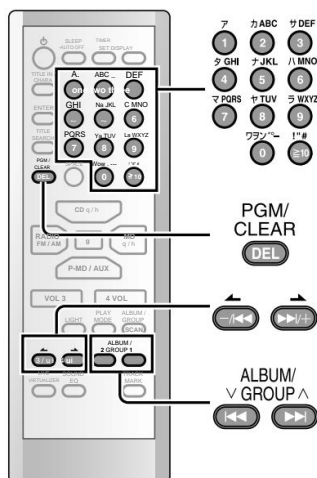
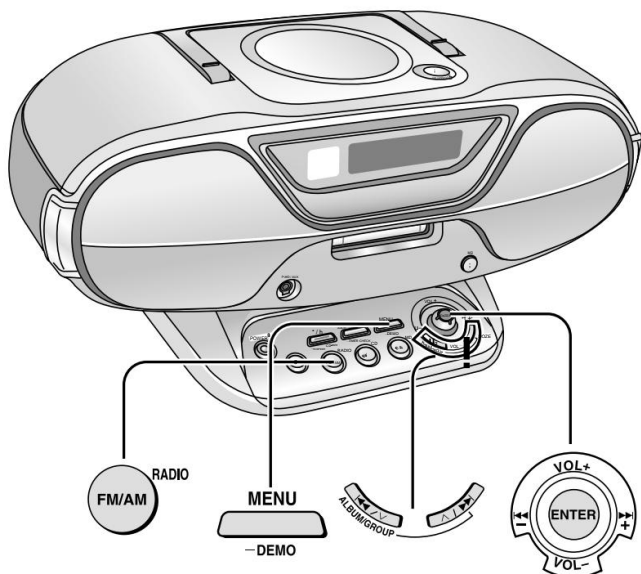
- If you store the broadcasting station in the channel, You can listen with a simple operation.
- 12 stations for both FM and AM are stored. Can be done.

Common preparation



Press

Select "FM" or "AM"
In the area bank, FM or AM
It doesn't matter if you choose.



Remember

Select your area (Area Bank)

Simply select an area number and receive in that area
List the major FM and AM stations you can trust at once
I can remember.

1

MENU

push

— DEMO —

2



• Tilt and select "AREA"

F M 76.0 MHz
> AREA <

• Press [ENTER]

> 11 トウキョウト PGM <

• Tilt the area number (a below)

Select

> 1 76.0 MHz PGM <

• Press [ENTER]

With the first frequency stored in the area
The station name is displayed.

F M 80.4 MHz
AIR-G' PGM

Area Bank (as of February 2003)

Area number	Area name	Area number	Area name
1	Sapporo	11	Tokyo area
2	Aomori		(Tokyo, Yokohama,
3	Akita		Chiba, Saitama)
4	Morioka	12	Kofu
5	Yamagata	13	Matsumoto
6	Sendai	14 15	Shizuoka
7	Fukushima		Nagoya area
8	Utsunomiya		(Nagoya, Gifu)
9 10	Mito	16	Tsu
	Maebashi	17	Niigata
		18	Toyama
		19	Kanazawa
		20	Fukui

Memorize your favorite station (manual memo

Remote control only

You can store your favorite stations in the free channels after selecting the area bank.

1 Press to tune the frequency

2 Press PGM/CLEAR DEL

F M 80.2 MHz
PROGRAM ch 7

3 to select a channel

1 2 3
4 5 6
7 8 9
0 10

F M 80.2 MHz
PROGRAM ch 7

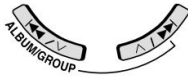
To select channel 10 or higher, press [≥ 10] once and then press the number button. Example: 12 channels

1" # 1 2

To continue memorizing, return the procedure

Listen to the memorized broadcasting station

Operate with the main body



Press to select a channel

F M 80.2 MHz
ch 7

If you select a channel stored in the area bank, the station name will be displayed.

Operate with remote control



Press to select a channel

or

1 2 3
4 5 6
7 8 9
0 10

F M 80.2 MHz
ch 7

To select channel 10 or higher, press [≥ 10] once and then press the number button. Example: 12 channels

1" # 1 2

If you select a channel stored in the area bank, the station name will be displayed.

Area number Area number Area number Area number 21

Otsu 22 Nara 23 Wakayama 24 Osaka 25 Kyoto 26 Osaka 27 Hiroshima
28 Yamaguchi 29 Takamatsu / Okayama 30 Tokushima

33

34

Matsuyama

35

Kochi

36

Fukuoka

37

38

39

40

Kitakyushu

41

Saga Nagasaki Oita Kumamoto Miyazaki Kagoshima Naha

Remember

reproduction

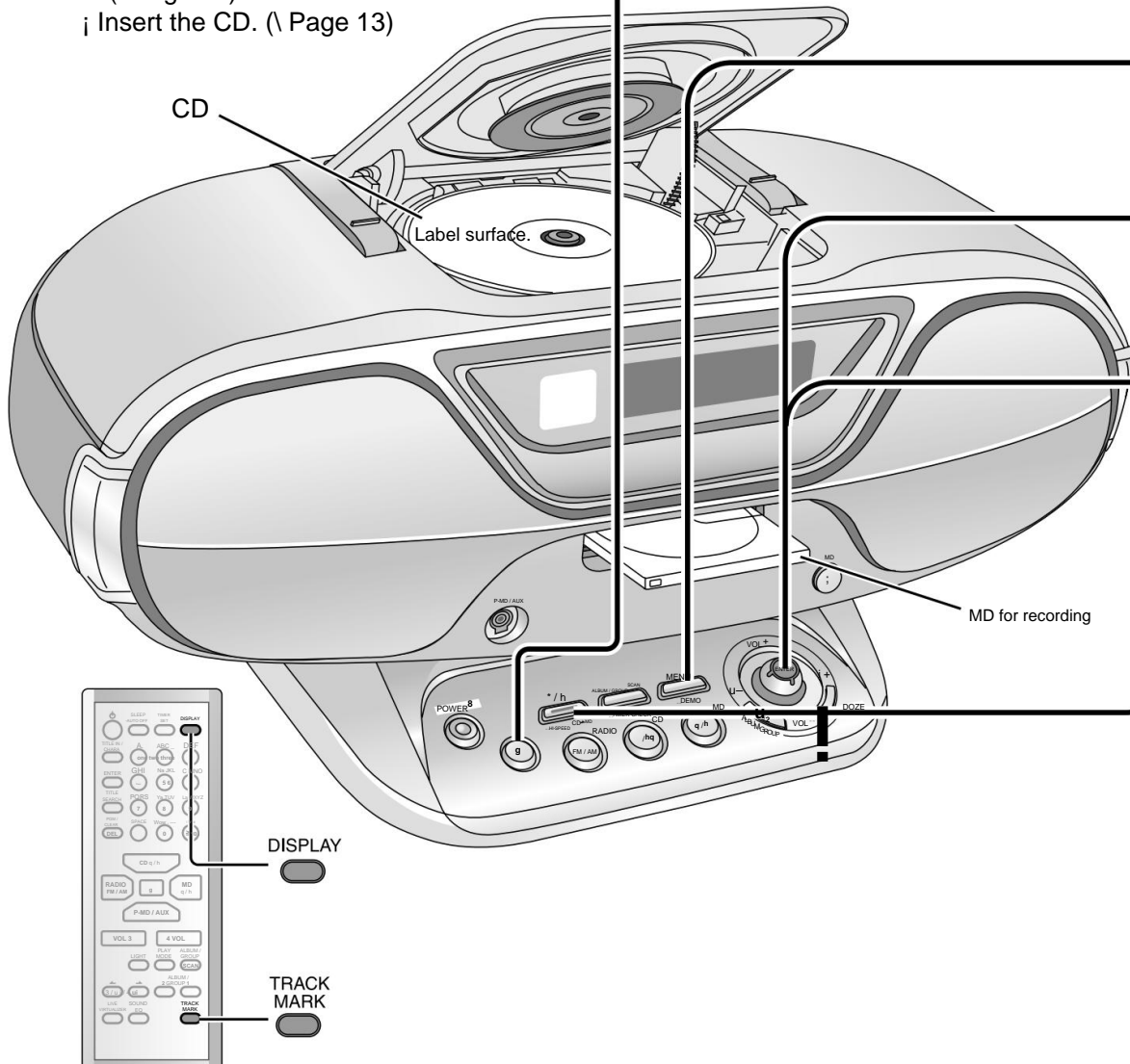
Listen to the station that made

you reme

If you are new to MD, read "About MD" on page 51.

Preparation:

- ¡ Turn on the power and turn on the recording MD.
(\ Page 15)
- ¡ Insert the CD. (\ Page 13)



MDLP About (long-time stereo recording / playback)

This unit supports MD long-time recording formats. **MDLP** Against

You can record 2x or 4x longer in stereo.

LP mode display display

LP2 MODE LP2

LP MODE OFF : Standard time recording mode (not displayed)

Record at the time indicated on the disc

LP2 MODE : Double long recording mode (LP2)

Twice as listed on the disc

Can be recorded in time

LP4 MODE : 4 times longer recording mode (LP4)

4 times as much as it is printed on the disc

Can be recorded in time

¡ You cannot change the LP mode during recording.

¡ Songs recorded twice or four times longer with this unit

teeth. **MDLP** It can be played only on devices that support.

¡ **Car audio** **MDLP** When it does not correspond to
Records in standard mode (LP MODE OFF).

¡ When played on an unsupported device, the beginning of the song title
"LP:" appears and the game is played silently.

¡ 4x long recording (LP4) uses a special compression method



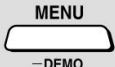






Because it realizes long-time stereo recording, please


In rare cases, noise may be recorded.

Standard time recording when recording with an emphasis on sound quality


(LP MODE OFF) or double long recording (LP2)


recommend.

- 1  Press **Choose "CD"** 
- 2  Press
Press again to return to the original display.
- 3  Tilt
Select "LP MODE"  Press [ENTER]
- Four  Tilt
Select LP mode (A left page)  Press [ENTER]
Every time you tilt
LP MODE OFF
LP4 MODE LP2 MODE
- Five  Press
to start recording
For high-speed recording Press and hold until "HIGH-SPEED" is displayed 
When the CD finishes playing, the MD will also stop automatically.

 push


Stop on the way Recording stops after "UTOO Writing" flashes.




 push

See information such as remaining time Each time you press it, the display on the display will switch.

Remote control only



 push

Pause

- Press again to resume.
- The recorded sound is interrupted.
- A track mark is attached.
- You cannot pause or add track marks while recording MP3s.

Manually add track marks

TRACK MARK  Press during recording

Remote control only

"TR-MARKING" is displayed and one track mark is attached.

To record your favorite song immediately

(Okake recording) Press [• / h -HI-SPEED CD MD] during playback. If you record from the beginning of the song to the last song, it will stop automatically. If you pause playback and then record, the recording will start from that position. To record only one song, select "1-REC?" In the recording aiming for one song, press [ENTER] (page 30), and then [• / h] while playing your favorite song. -Press [HI-SPEED CD MD].

please

- Do not open the CD lid immediately after inserting the CD and closing the CD lid, or while playing or pausing. The CD may come off the turntable and scratch the CD.
- Open the CD lid with the handle tilted down.

news

- The recording level is set automatically. Changing the volume or sound quality does not affect the recording.
- Monaural recording is not possible for a long time with this unit.
- When you record an MP3, it automatically becomes an analog recording.

C

D
M

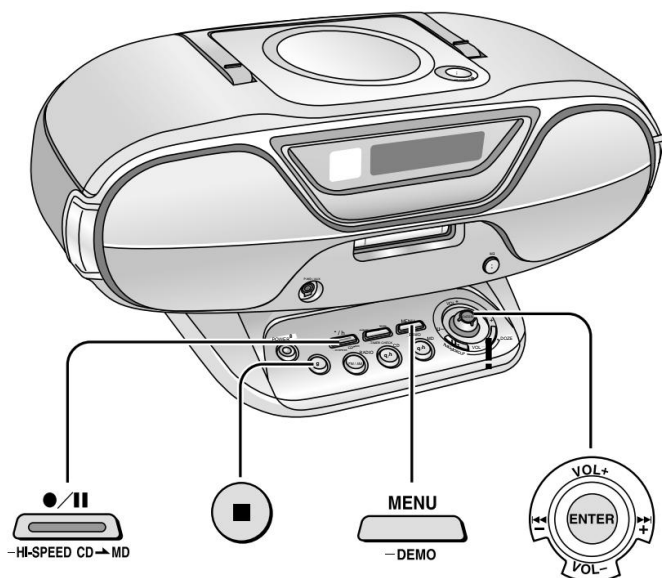
Reco

recording

Record radio to MD

Preparation:

Insert a recording MD, and if necessary, lengthen the MD
Select the interval (LP) mode. (Page 27)



About recording mode

MANUAL : Normal recording mode. Automatically track
There is no mark.

TURN BACK : Record from a few seconds ago to prevent head breaks
It is a mode to do.

TIME MARK : Automatic track mark every 5 minutes
It is a mode attached to.

TURN / TIME : Record from the sound a few seconds ago and every 5 minutes
Mode with automatic track mark
is.

Record radio to MD

To stop on the way

Press [g].

To pause

Press [* / h -HI-SPEED CD MD]. Tiger
There is one mark.

To add track marks manually

Press [TRACK MARK] on the remote control at the desired position.
There is one track mark.

please

When recording AM broadcasts, use the AM loop antenna and this unit.
Please keep as far away as possible. Noise enters when brought closer
You may.

news

‡ If you record the broadcasting station stored in the area bank, it will be broadcast.
The station is recorded as the song title (track title).

‡ Monaural recording is not possible for a long time with this unit.

1 Listen to the radio (or TV)

(A page 22)

F M 80.2 MHz
FM802

2 press

MENU

- DEMO

3



ÿ Tilt and select "REC MODE"

F M 80.2 MHz
REC MODE

ÿ Press [ENTER]

ÿ Tilt the recording mode (a left)

Select

F M 80.2 MHz
MANUAL?

MANUAL? ÿ ÿ TURN BACK?

ÿ ÿ ÿ

TURN / TIME? ÿ ÿ TIME MARK?

ÿ Press [ENTER]

Record

Four

When MANUAL or TIME MARK is selected



push

Recording will start.

F M 80.2 MHz
FM→MD REC



Record

When TURN BACK or TURN / TIME is selected



push

It goes into recording standby state
increase.



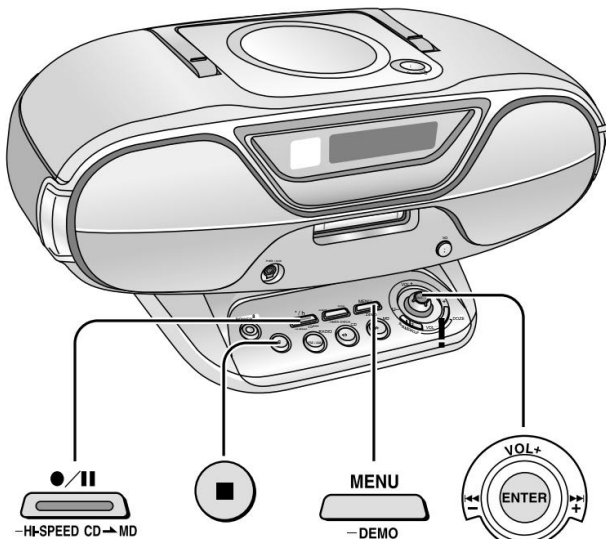
push

Recording will start.

Various recordings from CD to MD

Common preparation

- (1) Insert a recording MD and if necessary
Select MD long-time recording (LP) mode
Bu. (A page 27)
- (2) Insert the CD and press [y] (Stop).
Select "CD".



Record at high speed

- You can record from CD to MD at up to 4x speed.
With a 74-minute disc, recording is completed in about 23 minutes.
To do.

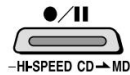
Depending on the disc and conditions, high-speed recording is not possible
I have a feeling. When high-speed recording is not possible, usually
Record at the speed of.

- High-speed recording can be combined with other recordings as shown in the table below.

Can be used together.

Types of recording that can be recorded at high speed

Synchronized recording (\ 26 pages)	•
Aiming to record one song Round recording	•
Program recording	•
	×
Record MP3 album	×



With "HIGH-SPEED"

Press and hold until displayed

Recording starts, recording all songs
Will stop when is finished.

Confirmation sound (beep tone) is about
Sounds for 10 seconds.

i Confirmation sound is [ENTER] etc.
Press to stop.



Remaining amount display

(Everything is displayed at the end of recording)

Limitations on high-speed recording

The high-speed recording of this unit is a copy for the purpose of copyright protection.

-Because it uses a management system, it is as follows
There are restrictions.

- i High-speed recording from the same CD for about 74 minutes after high-speed recording
I can't make a sound.
- i Within about 74 minutes after stopping high-speed recording in the middle, each
You can record 24 different CDs at high speed, but 25
High-speed recording of eyes is not possible.
- i Reset (initialize) the memory (\ page 57)
However, high-speed recording is not possible for about 74 minutes.

When "PLEASE WAIT yy min." Is displayed

Wait for yy minutes and record again at high speed, or synchronize
Please record (\ 26 page).

When "HIGH-SPEED CAN NOT REC" is displayed

High speed while setting programs, repeats, random, etc.
I can't record. Please cancel.

Record at high speed

To stop on the way

Press [g].

To switch the confirmation sound off / on

y Press [MENU-DEMO].

y Tilt the JOY controller left and right to "BEEP"

Select "MODE" and press [ENTER].

y Select "BEEP OFF" in the same operation and press [ENTER].
Press.

news

- i It cannot be paused during high-speed recording.
- i MP3 cannot record at high speed.
- i Sound during high-speed recording cannot be monitored.
When you adjust the volume, "MUTING" is displayed.
- i Radio, external devices connected to P-MD / AUX terminals, etc.
High-speed recording is possible only from the CD of this unit.
- i The volume of the confirmation sound at the end of recording cannot be adjusted.
- i Depending on the CD, there may be an error in the recording time.
increase.

A C

The D

Oh mosquito

of and others

M M

D D

To What

Record of

sound stomach

vinegar reactor

Ru stomach

reactor

Nana

Record

sound

recording

High

Fast

Record

sound

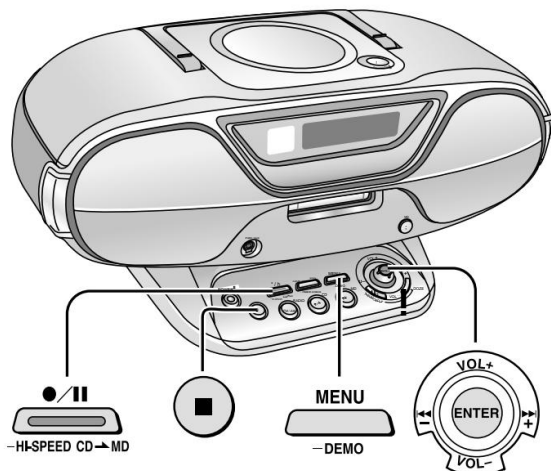
vinegar

Ru

Various recordings from CD to MD (continued)

Common preparation:

- (1) Insert a recording MD, and if necessary, the length of the MD.
Select time (LP) mode. (\ Page 27)
- (2) Insert a CD and press [g] to select "CD".



Aim to record one song

(1-REC^{Lec})

High-speed recording is possible

1 MENU push
-DEMO

2 Tilt and select "REC MODE"
REC MODE
Press [ENTER]
Tilt and select "1-REC?"
1-REC?
Press [ENTER]

Select a song to be recorded at an angle

3 push
(For high-speed recording, table
Press and hold until indicated)

Recording starts and stops when it ends

Record one song

To stop on the way

Press [g].

"1-REC" is not automatically released

To cancel, follow the steps below.

Press [MENU-DEMO].

Tilt the JOY controller left and right to "REC"

Select "MODE" and press [ENTER].

Select "MANUAL REC?" In the same operation.

Press [ENTER].

It will be canceled even if the power is turned off and then on again or the mode is switched.

Record one CD

Auto^{Lec}
(AUTO) REC

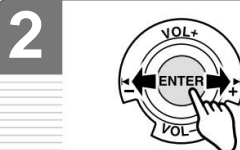
High-speed recording is possible

All songs on the CD are automatically recorded on the MD.

Before recording, you can check if all songs are included.

All songs recorded on MD are one glue
It will be.

1 MENU push
-DEMO



Tilt and select "REC MODE"

REC MODE

Press [ENTER]

Tilt and select "AUTO REC?"

CD 14 68:25
AUTO REC?

Press [ENTER]

オートレコーダ

If not all songs are on the MD, you can record

The number of songs that are not available and the number of songs that can be recorded are displayed.
Will be.To reconfirm the song number that cannot be recorded
Press [DISPLAY] on the remote control.

3 push
(For high-speed recording, table
Press and hold until indicated)

Recording starts and stops when it finishes.
("AUTO REC" is canceled)

Record one CD

To stop on the way

Press [g]. ("AUTO REC" is canceled)

news

Pause or manually track mark during full recording

Cannot be attached.

Even if you record the whole thing, if there is no space in the UTOC area,
It doesn't loop.

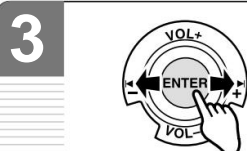
MP3s cannot be recorded in full.

If all songs are not included, the song numbers that cannot be recorded are displayed.
Try switching the recording mode for a long time while it is
please give me. You may be able to record in full.

Record a few songs of your choice (program recording)

1 Book a program for the song you want to record (A page 16)

2 **MENU** push
-DEMO



↵ Tilt and select "REC MODE"

CD PGM 28:25
-REC MODE-

↵ Press [ENTER] ↵ Tilt

to select "AUTO REC?"

CD PGM 28:25
-AUTO REC?-

(4) Press [ENTER] If all songs

are not included in the MD, the song numbers that cannot be recorded and the number of songs that can be recorded are displayed. To reconfirm the song number that cannot be recorded, press [DISPLAY] on the remote control.

Four push
-HI-SPEED CD → MD

Recording starts and stops when it finishes.
("AUTO REC" is canceled)

Record a few songs you like

Press [g] to **stop in the middle**. ("AUTO REC" is canceled)

To program MP3 recording ↵ Make a program reservation for the song you want to record. (16 p -Ji)

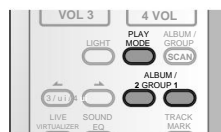
↵ Press [* / h -HI-SPEED CD MD].

news

In program recording, there is a little more space between songs. Therefore, even if "Zenkyoku REC Kanou" is displayed, it may not be possible to record all songs when the remaining MD time is short.

Record an MP3 album

Record your favorite MP3 albums to MD.



1 **Remote control only**
PLAY MODE **Press while stopped**
Select "ALBUM"

ALBUM
ALBUM

Every time you press

OFF ↵ TRACK REPEAT ↵ ALL REPEAT

↵ ALBUM REPEAT ↵ ALBUM

2 **Remote controller**
ALBUM / GROUP
▽ GROUP ▲
 Press to select an album

3 push
-HI-SPEED CD → MD

Recording starts and stops when it ends

Record an MP3 album

Press [g] to **stop in the middle**.

When recording from a CD-R / RW (about analog recording)

ⓘ You may see "SCMS CAN NOT COPY" When you try to record from a CD-R / RW, you may get this message due to limited digital recording. In this case, change the settings as follows and record in analog. **However, high-speed recording (a page 29) is not possible.**

↵ Press [g] and select "CD". ↵ Press [MENU-DEMO]. ↵ Tilt the JOY controller to the left or right to select "ANALOG REC" and press [ENTER].
[ENTER] in the same operation as "ANALOG REC". And press [ENTER] in the same operation as "ANALOG REC". Recording starts. When recording is finished, the analog recording mode is automatically set. Returns to the digital recording mode.

ⓘ MP3s will automatically be analog recordings.

C

From D
M
D

Various

recording

Edit MD

The song order was changed and unnecessary parts were deleted.

Make your own original MD
increase. (Recording MD only)

Edited MD (120 pages)

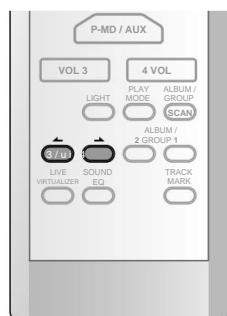
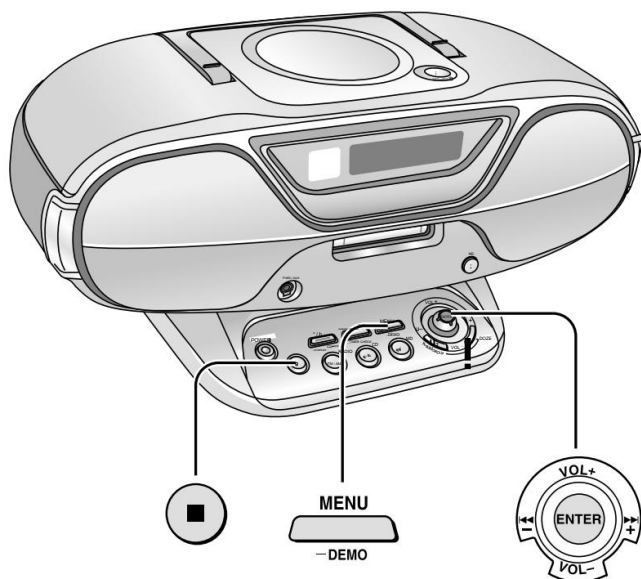
When collected, group information will also be available according to the edited content.

It will be updated automatically.

Common preparation

(1) Insert the MD to be edited.

Press [g] (Stop) and select "MD".



Erase all songs (all erase)

MD like this
Will be

Song number 2. 3. 1

A song, B song, C song

Erase

Free disk

1

MENU

- DEMO

While stopped
push

2



Press [ENTER] and select "EDIT MODE"

EDIT MODE

Press [ENTER]

Press [ENTER] and select "ALL ERASE?"

ALL ERASE?

Press [ENTER]

ALL ERASE ?



PUSH ENTER

Press [ENTER]

UTOC Writing "y" BLANK

DISC "is displayed, and the compilation is

It will be completed.

Common items

Edit MD (ALL) if:

TRACK ERASE, MOVE, COMBINE, DIVIDE, GROUP) is not possible. I will release it Please.

When MD is protected from accidental erasure

Program MD, random, group play

If set to

All erase

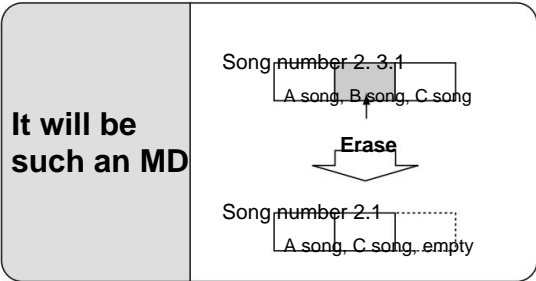
To cancel on the way

Press [g] or [MENU-DEMO].

news

All songs cannot be erased during playback.

Erase one or several songs (track erase)



Track erase

To cancel in the middle, press [g] or [MENU-DEMO].

To check the song number before erasing, press [-/u] or [i/+] on the remote control before pressing the last [ENTER]. ("ERASE CHECK" mode)

To erase only one song that is playing (or paused) ÿ Play (or pause) the song you want to erase. ÿ Operate for selecting a song is automatically skipped. The procedure song that is playing (or paused) disappears and stops automatically.

1

MENU push

-DEMO

2

ÿ Tilt and select "EDIT MODE"

EDIT MODE

ÿ Press [ENTER] ÿ Tilt and press "TRACK ERASE?"

Select

TRACK ERASE?

ÿ Press [ENTER]

ERASE -?

ÿ Select the song number to tilt and erase

ERASE 2?

ÿ Press [ENTER]

ERASE 2 ?

PUSH ENTER

To delete the song number in succession, repeat steps ÿ and ÿ (up to 24 songs).

(7) Press [ENTER].

" After "UTOOC Writing" flashes, editing is completed.



M

Edi

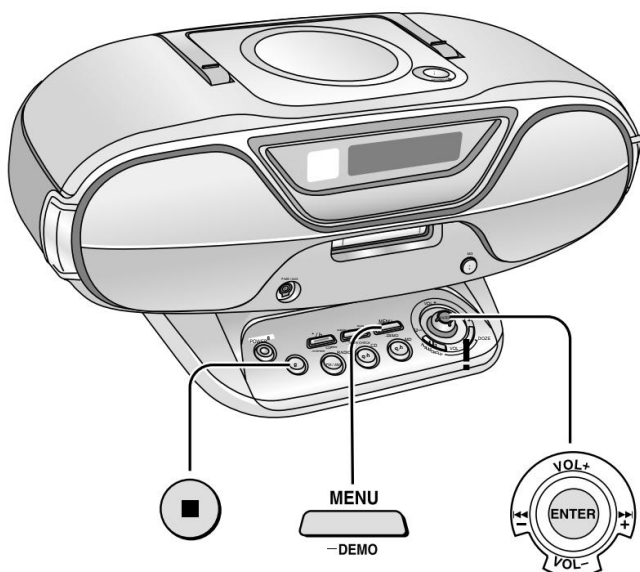
Master

Edit MD (continued)

Common preparation

(1) Insert the MD to be edited.

↵ Press [g] (Stop) and select "MD".



Move

To cancel on the way

Press [g] or [MENU-DEMO].

To move during playback (or pause)

↵ Play (or pause) the song you want to move.

↵ Operate in order from the procedure.

The procedure for selecting a song is automatically skipped.

Select only the destination and proceed to the next step.

news

When trying to move a song in a group-managed MD "GROUP DATA FULL" is displayed and it cannot be moved. There is. In that case, ungroup one Or delete unnecessary titles.

Move a song (move)

MD like this
Will be

Song number 2. 3.1

A song, B song, C song

Move

Song number 2. 3.1

B song, C song, A song

1

MENU

push

-DEMO

2



↵ Tilt and select "EDIT MODE"

EDIT MODE

↵ Press [ENTER]

↵ Tilt and select "MOVE?"

MOVE?

↵ Press [ENTER]

-?---

↵ Select a song to move by tilting

1?---

↵ Press [ENTER]

1 → -?---

↵ Tilt to select the destination

1 → 3?---

↵ Press [ENTER]

1 → 3 ?



PUSH ENTER

↵ Press [ENTER]

" After blinking "UTOC Writing"
Editing is complete.

Combine two songs into one (combine)

It will be
such an MD

Song number 2. 3.1

A song B song C song

To summarize.

Song number 2.1

A song B + C song

1

MENU

push

- DEMO

2



↵ Tilt and select "EDIT MODE"

EDIT MODE

↵ Press [ENTER] ↵

Tilt and select "COMBINE?"

COMBINE?

↵ Press [ENTER]

-----+ -? -

↵ Select a combination of songs that can be tilted and combined into one (only two adjacent songs can be selected)

2+ 3?

↵ Press [ENTER]

2+ 3 ?



PUSH ENTER

(7) Press [ENTER].

After "UTOOC Writing" flashes, editing is completed. (The track mark is decremented by one.)

combine

To cancel in the middle,
press [g] or [MENU-DEMO].

Please use the **divide**
function (Λ 36 page) to return to the state before editing .

To combine during playback (or pause) ↵ Collect 2
Play (or pause) the song after the song. ↵ Operate in order
from the procedure. The procedure for selecting a song
combination is automatically skipped.

news

⌋ When you combine the two songs into one, the title attached to the subsequent song disappears and becomes the title of the previous song. ⌋ Songs recorded in different modes (LP MODE OFF / LP2 / LP4 / long-time monaural) cannot be combined into one.

⌋ If you connect songs recorded in LP4 mode, some sound leakage may occur between the left and right channels at the connected part.

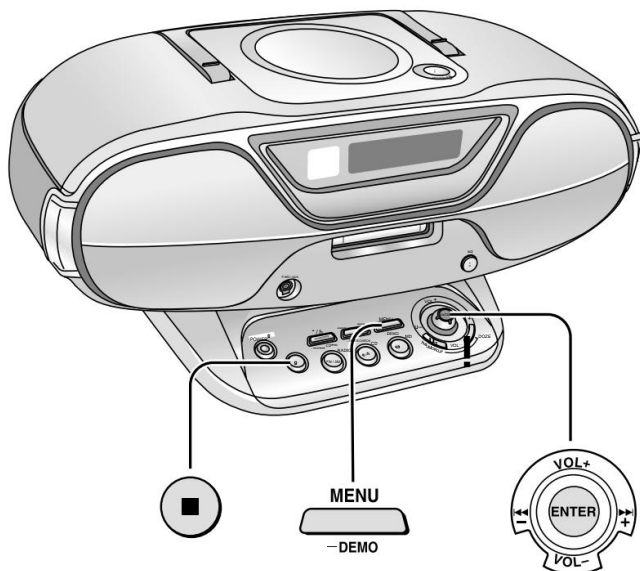
Master

Edit MD (continued)

Common preparation

(1) Insert the MD to be edited.

Press [g] (Stop) and select "MD".



Divide

To cancel on the way

Press [g] or [MENU-DEMO].

To return to the state before editing

Please use the **combine function** (p. 35 page).

news

- i If you divide the song with the title into two, the song behind it will be There will be no title.
- i Trying to divide a song into two by MD managed by a group Then, "GROUP DATA FULL" is displayed and divided. It may not be possible. In that case, set the group to 1. Please cancel it or delete unnecessary titles.
- i If you divide the song recorded in LP4 mode into two, it is divided. Some sound leakage occurs between the left and right channels in the part It may be.

Divide one song into two (divide)

It will be such an MD

Song number 2.1

A song B song

Divide

Song number 2. 3.1

A song B'song B'song

1

MENU

- DEMO

Play the song that splits into two, push

2



Press Tilt and select "EDIT MODE"

EDIT MODE

Press [ENTER]

Press Tilt and select "DIVIDE?"

DIVIDE?

Press Divide, at the approximate position Press [ENTER]

P05 +0000?

Play repeatedly from the divided positions.

LP MODE OFF: Approximately 4 seconds

LP2: Approximately 8 seconds

LP4: Approximately 16 seconds

Press Tilt to adjust the position accurately

P05 +0002?

Adjustment range LP MODE OFF:

About 8 seconds before and after

LP2: Approximately 16 seconds before and after

LP4: Approximately 32 seconds before and after

Numbers range from -128 to +127 It shows.

Press [ENTER]

After blinking "UTOC Writing" Editing is complete. (One more track mark)

Give the MD a title

Give a title to the recorded MD

Remote control only

Disc title

Track title

The name of the MD for the recording MD And group name title , song name Can record up to about 100 characters each.

(97 characters for LP2 / LP4)

Approximately 1700 alphabetic characters can be recorded on one MD. (It decreases depending on the type of characters and the number of songs In LP2 / LP4,

"LP:" is recorded at the beginning of the song title, so if the number of songs is large, the number of characters will decrease. Also, if you are editing a group, the group management information will be recorded, so the number of characters will be even smaller.

Common preparation

(1) Insert the MD to give the title.

Press [g] (Stop) and select "MD".



Give a disc title

1

TITLE IN/CHARA

Press while stopped
Select "DISC?"

DISC? TITLE

DISC? GROUP? TRACK?

Original display,

"GROUP?" Is displayed only on MDs that are editing groups.

2 press

The title input screen is displayed.

SELECT
DISC
Cursor

Enter characters (a page 39)

4 press

UTOC Writing

After "UTOC Writing" flashes, the title input is completed.

news

Titles cannot be entered during program, random, single song repeat, or group play settings. Please cancel.

M M D

Ru (

Continued

Attach

Master

Record
1 song
sour

M

De

Attach

Give MD a title (continued)

Common preparation

- (1) Insert the MD to give the title.
 Press [g] (Stop) and select "MD".



Group / track title

Press [g] to **stop in the middle**.

However, the title that has already been confirmed by pressing [ENTER] remains.

Press [DISPLAY] several times to **check the title after inputting**. The displayed contents differ depending on the operation you are currently performing and the sound source (source).

You can also give a title during playback of the recorded MD (only for the song being played) (1) Press [TITLE IN / CHARA] during playback. (2) Enter characters (1 right page) and press [ENTER].

After the message "TITLE WRITE" is displayed, the normal display is restored. If you give a title during playback, MD editing (DIVIDE, MOVE, COMBINE, TRACK ERASE) is not possible. Please edit after stopping MD.

Give a group / track title

1

TITLE IN / CHARA



Press while stopped
 Select "GROUP?" Or
 "TRACK?" Example: Track

TRACK? TITLE

DISC? GROUP? TRACK?

Original display

"GROUP?" Is displayed only on MDs that are editing groups.

2

press

3

press

または

Select a group or song number Example:
 Song number

TR 3? TITLE

4

press

The title input screen is displayed.

SELECT

Cursor

TR 3

Enter characters (a right page)

6

press

After "UTOOC Writing" flashes, the input screen for the next group or track title appears.

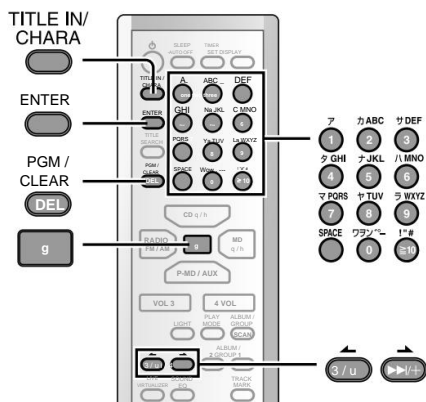
Repeat title entry as needed

7

Press

Title input is complete.

How to enter characters After the title entry screen is displayed, enter the characters.



1 TITLE IN/CHARA Press to select the character type

Each time you press it, Kana "A" y English University "A" y English Small "a" y Number "1" y

If you continue to enter the same type of characters, this operation is not necessary.

2 Press to select a letter



The selected character is displayed on the cursor.

3 Press



- ¡ The character is confirmed, and the input screen for the next character appears.
- ¡ This is not necessary if the next character you type is assigned to another button.

ÿ To enter "ÿ-", press [0 Wow-]

and select "", "ÿ" or "-". The voiced sound mark (") and semi-voiced sound mark (ÿ) can be entered only after the katakana that can be written. Otherwise, it will not appear as a selection candidate.

Information ¡ The character type can be switched even during input.

¡ There is no space between the characters and the voiced / semi-voiced sound mark. ¡ You can enter approximately 1000 characters during a single playback or recording. If you enter more than 1000 characters, "TITLE OVER" or "UTOO FULL" will be displayed. ¡ If you perform an operation that exceeds the maximum number of characters during input,

"TITLE FULL" is displayed. ¡ Even if playback and recording move to the next song, the title will not be attached to the next song.

Character type and the character assigned to each button

Each time you press each button, the characters are displayed one by one.

	Katakana Alphabet Uppercase and		Numbers
	Lowercase		
ア 1	Aiueo Aiueo		1
カ ABC 2	Kakikukeko ABC abc		2
サ DEF 3	Sasis Seso DEF def		3
タ GHI 4	Tachitsutetsu GHI	ghi	Four
ナ JKL 5	Nani Nuneno JKL	jkl	Five
ハ MNO 6	Hahifuheho MNO mno		6
マ PQRS 7	Mamim Memo PQRS pqrs		7
ヤ TUV 8	Yayuyo TUV tuv		8
ラ WXYZ 9	Larirero WXYZ wxyz		9
ワソフー 0	Wow!		0

ÿ To enter a symbol, press [>]

= 10! "#]. Each time you press it, the symbols appear in the order below.

! " \$ % & ' () * + , - . : ; < = > ? @ _

ÿ Press [SPACE] to enter one character space (blank).

ÿ Press [g] to stop the input. However, the title confirmed by pressing [ENTER] remains.

ÿ To change the entered character, use [-/]

u] or [i / +] to move the cursor to the character to be changed. ¡ To correct the character, overwrite it with the character input (above) and press [i / +]. ¡ Press [DEL PGM / CLEAR] to delete characters.

¡ Press [SPACE] to open one character. ¡ To insert characters y At the insertion position, as many characters as you want to insert [SPACE]

Press. ÿ
Enter characters. (the above)

M

Attac

Ru (

Continued

Master

Recorder
M's
D

Attach

Continued

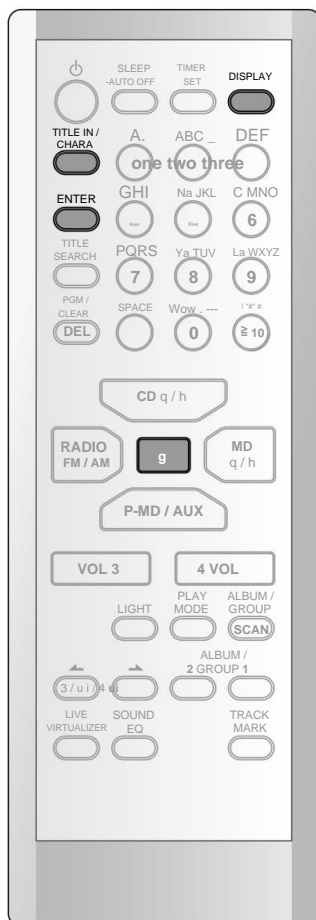
39

RQT6953

Give MD a title (continued)

Add titles (group tracks) to CDs while recording

You can add a track title during synchronized recording, and a group title and track title during full recording.



Give titles together while recording a CD

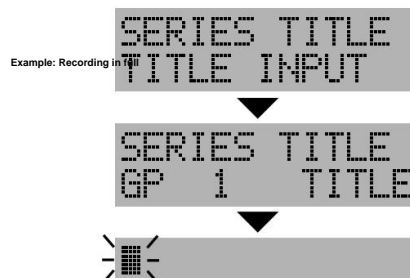
Press [g] to **cancel in the middle**. However, the title confirmed by pressing [ENTER] remains. By pressing [TITLE IN / CHARA], you can enter / modify the title from the beginning again. | To **add or correct a title**. Perform the above operations during recording. | After **the recording is finished, add a group / track title** (A 38 page).

Press [DISPLAY] to **check the group or track number for which you are entering a title**.

1 TITLE IN / CHARA Press during recording

Synchronized

recording: The track title input screen appears. **Pressing [ENTER] in full** The group title input screen is displayed.



2 Enter the group title

(A page 39)

3 Press ENTER

The track title input screen is displayed.

4 Enter the track title

(A page 39)

5 Press ENTER

The track title input screen for the next song is displayed.

Repeat title input as needed
([ENTER] can be used to skip songs that are not input)

6 Press ENTER

After displaying "TITLE WRITE", the normal display is restored.

Information

- | Titles are recorded in order from the first song. To the previous song Cannot return.
- | During the random and repeat settings of the CD, the track during recording Only ku can be given a title.
- | If you pause during recording or manually add track marks, you will not be able to enter titles all at once. | Even if you enter more than the number of songs, the extra titles will not be recorded. | You cannot pause or manually add track marks while entering / after entering a title.
- | During MP3 recording, only the track being recorded can be given a title.

Copy the title to another MD (Title Station)

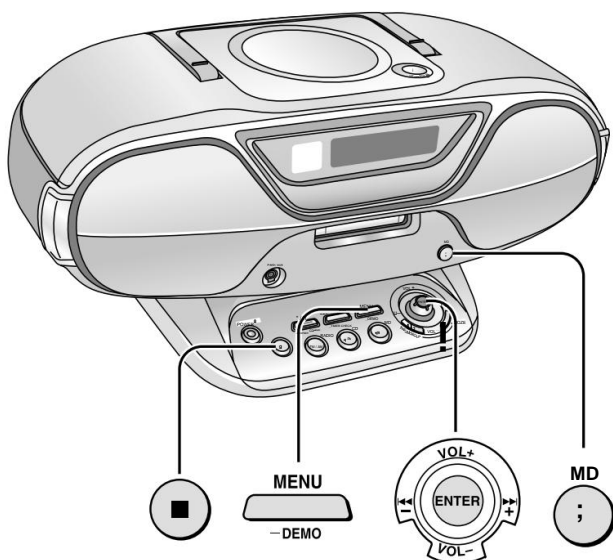
Another MD disc / track title

You can copy it to MD as it is. Once tight

If you put in a file, it will be troublesome to input from the second time
Can be omitted.

Before copying the title

- ⌋ When the number of songs in the copy source and copy destination MDs is the same
Can only be copied.
- ⌋ Play-only MDs and unrecorded MDs cannot be used.
- ⌋ Title on MD that already has a title
If you copy, all previous titles will disappear
increase.



Title station

To cancel on the way

Press [g].

news

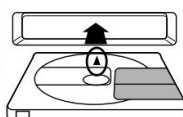
- ⌋ The title that can be stored by this unit is one MD.
- ⌋ The title stored in this unit disappears once it is copied.
increase.
- ⌋ If you turn off the power, the title of this unit will be lost.
- ⌋ The song recorded by LP2 / LP4 was used as the copy source MD.
If the copy destination song is standard (LP MODE OFF)
Even if it is recorded, "LP:" is added to the beginning of the track title.
It shows.
- ⌋ When the copy source MD is group-managed,
Group management information is also copied to the copy destination MD.

1



Press
Select "MD"

2



With a title
MD (copy source)
Put in

3 Press

MENU

- DEMO

Four



ÿ Tilt and select "EDIT MODE"

EDIT MODE

ÿ Press [ENTER]

ÿ Tilt and select "TITLE ST.?"

Press [ENTER]

TITLE ST. ?



PUSH ENTER

ÿ Press [ENTER]

TITLE MEMORY

COMPLETE

EJECT MD

5 Press to remove the MD and



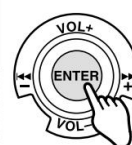
MD to give a title

Enter (copy destination)

Writing OK?

PUSH ENTER

6



push

After blinking "UTOC Writing"
The title copy is complete.

M
D
To

rice paddy

stomach

door

Le
of
With
hair

Ru (
One
Zu
tree
)

Master

C
D
of

Record
sound

During -

To
devil

When
eye

hand

rice paddy

stomach

door

Le
of

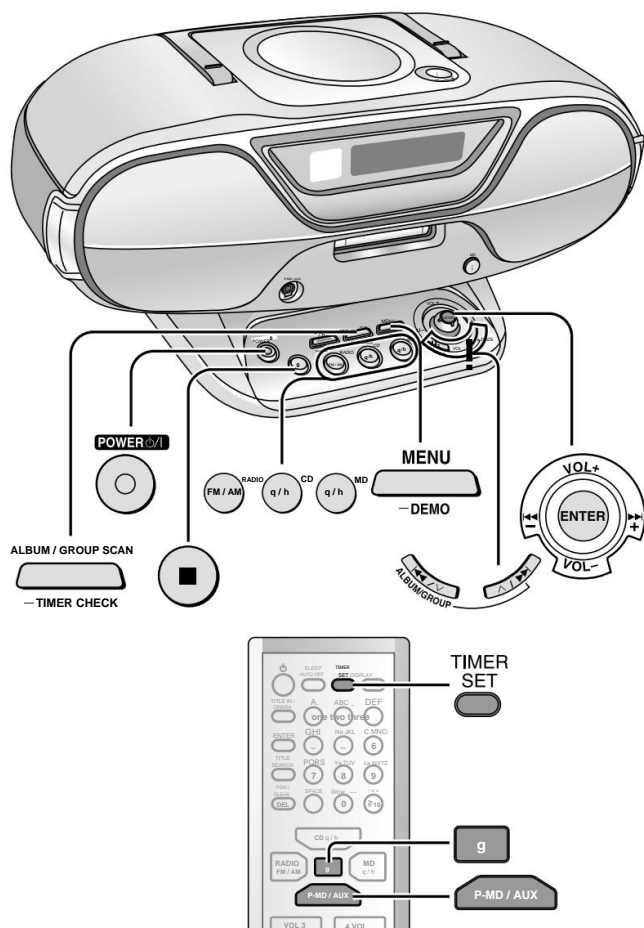
With
hair

Ru

41

RQT6953

Use a timer



Alarm timer

To stop the alarm sound

Press [g] when the alarm is sounding.

To pause the alarm sound (DOZE Doze function)

When the alarm is sounding

Move the JOY controller up, down, left or right
Tilt or press [ENTER].

[U / 2 ALBUM GROUP] or
Press [1 / i ALBUM GROUP].

After about 6 minutes, the alarm will sound again.

To cancel the alarm timer

Press [TIMER SET] on the remote control and select "TIMER OFF".

To check the settings

[ALBUM / GROUP SCAN-TIMER CHECK]
Hold down.

news

Alarm timer and voicemail timer can be set at the same time not.

During playback or when the set time overlaps with the awakening timer
The sound will be mixed.

Even if the alarm sounds during recording, the alarm sound will not be recorded.

Unless you cancel the timer, it will operate at the same time every day.

If you set it at the same time as the wake-up timer (right page)
Select "ALARM zPLAY" in the procedure.

Use the alarm timer

Sounds an alarm at the specified time.

Preparation:

Turn on the power.

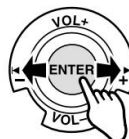
Set the clock. (Page 10)

Display example: Sounds an alarm sound at 6:45.

Timer time setting (24-hour display)

1 MENU push
- DEMO

2



Tilt and select "TIMER ADJUST"

TIMER ADJUST

Press [ENTER]

Tilt and select "ALARM"

ALARM

Press [ENTER]

Within 10 seconds

Tilt to match the start time

ALARM 6:45

Press [ENTER]

Timer execution setting

3

Remote control only

TIMER SET

Press
Select "ALARM"

ALARM 6:45

Every time you press

TIMER-OFF (release) ALARM zPLAY.

zREC ALARM zPLAY

(Timer without time setting is not displayed)

At the specified time, an alarm will sound.

If you do not stop / pause (a left)

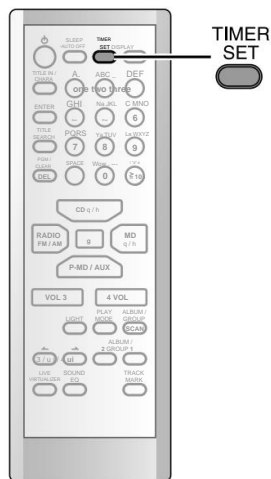
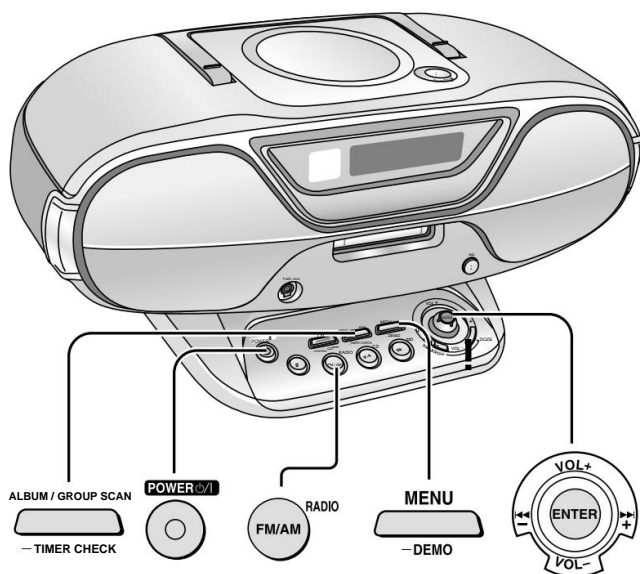
The sound will continue to ring for about 60 minutes. (Adjust the volume you can't)

When the power is turned off, the display light turns on and temporarily stops.

It disappears when you stop it.

When the alarm is sounding or during pause
"ALARM" flashes.

Use the timer (continued)



Answering machine and
The awakening timer is
After setting, turn on the power.
Cut it



Use voicemail timer

Power on at start time, record radio broadcast, end
The power turns off automatically at the end time.

Preparation:

(1) Turn on the power and turn on the recording MD.

ÿ Set the clock. (\\ Page 10)

Display example: Record the broadcast from 18:30 to 20:00.

Timer time setting (24-hour display)

1

MENU

push

- DEMO

2



ÿ Tilt and select "TIMER ADJUST"

ÿ TIMER ADJUST

ÿ Press [ENTER]

ÿ Tilt and select "TIMER REC"

ÿ TIMER REC

ÿ Press [ENTER]

Within 10 seconds

ÿ Tilt to match the start time

ON OFF
ÿ 18:30 ÷÷ 0:00

ÿ Press [ENTER]

ON OFF
18:30 ÷÷ 18:30

ÿ Tilt to match the end time

ON OFF
18:30 ÷÷ 20:00

ÿ Press [ENTER]

Answering machine

To cancel the voicemail timer

Turn on the power and press [TIMER SET] on the remote control.

Select "TIMER-OFF".

ÿ To execute it again, select "TIMER-REC" and turn off the power.

If you make a mistake or change the settings

When changing the time

When turning on **Timer time setting** And turn off the power.

the power and changing the source

ÿ Press [TIMER SET] and select "TIMER-OFF".

ÿ Do **Timer execution setting**

Only remote control that uses good night timer

Timer execution setting

3



Receiving the broadcast Select "FM" or "AM" (23 page)

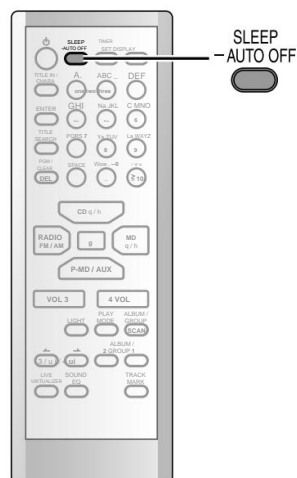


Select the frequency
To select the memorized
broadcasting station (25 page)



Adjust the volume Set
the following as necessary
Recording mode (28
page) **Long time (LP)**
mode (27 page)

After the specified time has elapsed, playback will stop and the power will automatically turn off.



SLEEP
AUTO OFF

Four

Remote control only



**Press
Select "TIMER-REC"**



Every time you press

TIMER-OFF (release) ALARM zPLAY.

zREC ← ALARM zPLAY

(Timer without time setting is not displayed)

5 press



Turn off the

power If you do not turn off the power,
the timer will not work.

- Approximately 30 seconds before the start time, the power turns on and recording starts automatically. ("Z REC" flashes during operation)
- Fade in (gradually louder) to the set volume, but it does not affect the recorded sound.

Playback and recording are possible even after the timer is

set. After operation, turn on the recording MD and be sure to turn off the power. The timer will not work unless the power is turned off.

To check the settings , press
and hold [ALBUM / GROUP SCAN-TIMER CHECK].

news

- Answering machine timer is awakening timer, alarm timer
- Cannot be set at the same time.
- Even when timer recording is performed in turnback recording mode, recording starts from the set start time. Unless you cancel the timer, it will operate at the same time every day.

Specify the playback

time by pressing while listening to the source

SLEEP
-AUTO OFF



Every time you press

SLEEP 30 z 60 z 90 z 120 z OFF z (Unit: minutes)

Good night timer

To cancel the good night timer, press
[SLEEP] and select "SLEEP OFF". Press [SLEEP] once

to check the remaining time . The remaining time is
displayed for about 5 seconds.

To change the remaining
time, press [SLEEP] and specify a new time.

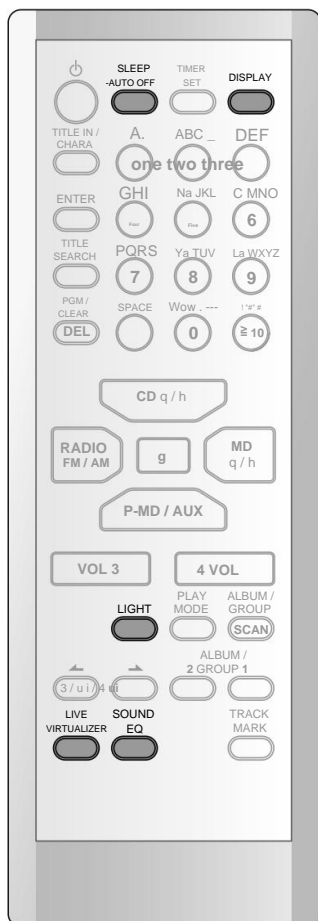
news

Even if the good night timer remains for 10 minutes or more, if
auto-off (47 page) is activated, auto-off takes precedence.

Using a

Master

Only remote control that uses convenient functions



Select sound quality and sound field effect

You can enjoy your favorite sound quality and sound field effect.

LV (Live Virtualizer) that enhances the sense of presence

LIVE
VIRTUALIZER

Press
Select "LV ON"



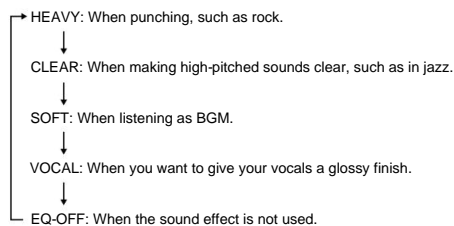
EQ (equalizer) that switches the sound quality

SOUND
EQ

Press to
select sound quality mode



Every time you press



Live virtualizer

To cancel the setting, press it again and select "LV OFF".

news

The effect is stereo audio only and depends on the music.

Equalizer

To cancel the setting, press and select "EQ-OFF".

View information such as time and title (display)

Various information such as title and remaining time is displayed.

DISPLAY



Each time you **press** the button, various information will be displayed. Example: Remaining time of MD for recording

MD Rem 53:01

The displayed contents differ depending on the operation you are currently performing and the sound source (source).

Prevent forgetting to turn off the power (auto off)

If there is no button operation for about 10 minutes, the power will be turned off automatically.

SLEEP
-AUTO OFF

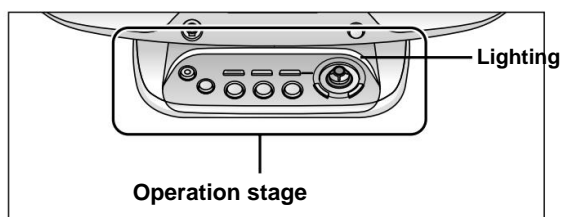


Press and hold until "AUTO OFF-ON-" is displayed

AUTO OFF-ON-

Illuminates the operation stage (light)

You can switch the brightness of the operation stage lighting.



LIGHT



Each time you **press** the button, the brightness changes. Every time you press

→ **LIGHT 1: Bright**
↓
LIGHT 2: Slightly bright.
↓
LIGHT OFF: Turns off.

display

news

- ⌋ The remaining time of the MD disc is displayed only when the accidental erasure prevention knob is closed and the recording MD is stopped. During playback, the remaining time of the song is displayed.
- ⌋ Scroll characters only when they cannot be displayed on the display. Press [DISPLAY] during scroll display to switch to another display.
- ⌋ The remaining time of MP3 is not displayed.

Light

To turn **the light off**, press it and select "LIGHT OFF".

Auto off

To cancel the auto-off, press and hold until "AUTO OFF-OFF-" is displayed.

news

- ⌋ Auto-off works only when the CD or MD is stopped. It doesn't work when listening to the radio. ⌋ If the auto-off function is turned on, when the power is turned on "AUTO OFF" is displayed.
- ⌋ **Even if the good night timer (145 page) remains for 10 minutes or more, auto-off takes precedence when auto-off is activated.**

Use co

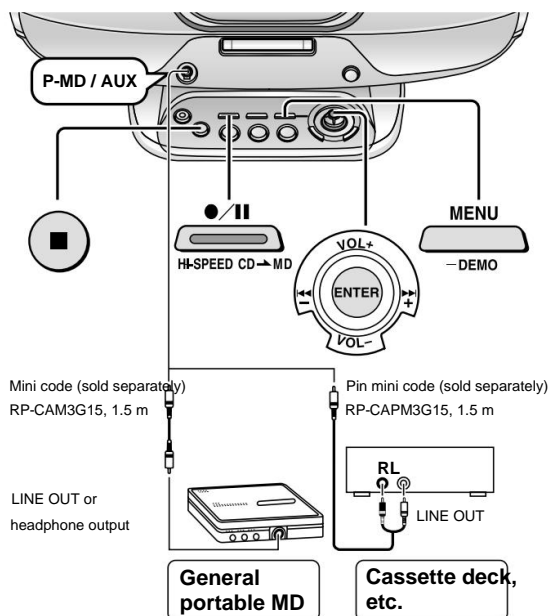
Master

Sound qu

Record to MD from an optional device

Connect optional equipment

Connect with the power turned off.



• A player with a built-in phono equalizer is required to connect an analog player . Recommended product: Our analog player

SL-J8 (Built-in phono equalizer) ; To connect the SL-J8 to this unit, a pin mini code (sold separately: RP-CAPM3G15) and a pin plug adapter (sold separately: RP-PA66A) are required. Connect to the P-MD / AUX terminal of this unit. ; To connect a player that does not have a built-in phono equalizer to this unit, a phono equalizer (sold separately: RFKZ0088KIT) that is treated as a service route is required. If you connect it as it is, the sound will be reduced.

Recording mode The recording mode that can be selected differs depending on the connected device.

manual
track mark is not automatically added. The MANUAL

SYNCHRO : In this mode, recording starts automatically when playback of the connected device starts. Recording pauses after about 3 seconds of silence, and resumes when replay resumes. A track mark is automatically added to the recording start position.

turn back
BACK a few seconds: add this mode, track break **TURN**

time mark
TIME MARK This : Track mark appears every 5 minutes mode is automatically attached.

turn time
TURN / TIME : A mode in which a track mark is automatically added every 5 minutes after recording from a few seconds ago.

Record MD this unit

1

Remote control only

P-MD/AUX

Press
Select "AUX"

AUX

Every time you press

AUX: General external device
" (MD network not supported)
P-MD: MD network compatible device

2

Remote control only

Check the recording level

When connected to the headphone jack of an external device, play the external device and adjust the volume of the external device so that the level display occasionally lights up to the end.



Level display

P-MD/AUX

Press and hold as
needed to select input level

NORMAL: When the level is not changed (device with normal signal level)
" HIGH: When you want to raise the level (devices with low signal level such as portable MD)

3 Press

MENU

- DEMO

Four



• Tilt and select "REC MODE"

REC MODE

• Press [ENTER]

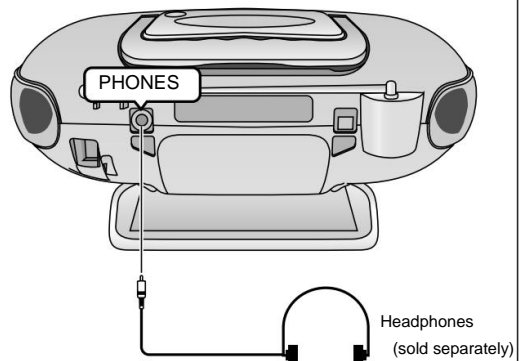
Tilt to select the recording mode (a left)

MANUAL? • SYNCHRO? •
TURN BACK? • • TURN /
TIME? • TIME MARK?

• Press [ENTER]

Use headphones

Rear of this machine



Turn down the volume. (2) Connect headphones to the PHONES terminal on the rear of this unit to adjust the volume.

please

Avoid listening for long periods of time at a loud volume that irritates your ears.

Headphones

Plug type: Stereo mini (M3) ; Recommended products: RP-HT530, RP-HT242 (both sold separately)

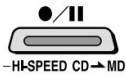
Sound etiquette

Fun music can be annoying depending on the time and place. One option is to close the windows or use headphones, especially at quiet nights.



Sound etiquette symbol mark

Five



push

When in SYNCHRO mode, it is in a paused state. Recording starts automatically when a signal is input from an external device.

In TURN BACK or TURN / TIME mode, the recording standby state is set. To record, press [• / h -HI-SPEED CD MD] again.



6 Play an external device

Checking the recording level is the key to recording well.



Record to MD from an optional device

Press [g] to **stop in the middle**.

news

Recording time may vary depending on the source and recording method. May occur.

In SYNCHRO mode, recording starts when the sound reaches a certain level, so the head part may not be recorded depending on the song. In that case, Record without using SYNCHRO mode, and edit later using the divide function (\ 36 page).

You cannot pause in SYNCHRO mode.

Use an

Master

F
From
an

optional m
M

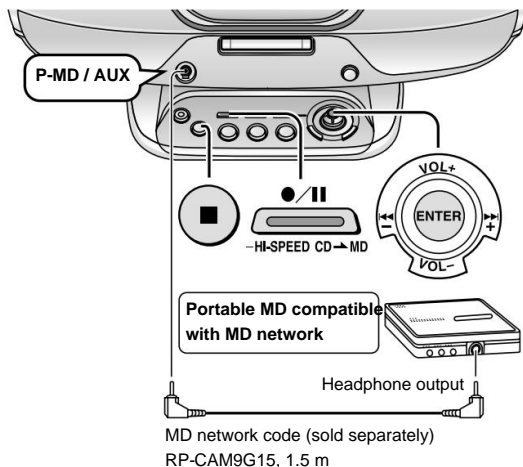
Record to

Record from MD to MD with MD network function

Record from a portable MD player that supports MD networks to the MD of this unit. You can easily control a portable MD player with this unit to record and copy titles. (The title of the playback-only MD cannot be copied.)

portable Connect MD player

Connect with the power turned off.



Corresponding product



Products with this mark in the catalog.

Record on MD network

Press [g] to **stop** in the middle .

please

Do not unplug the network code during operation.

news

- ⌋ High-speed recording is not possible with the MD network function. It cannot be used in combination with the wake-up timer or answering machine timer.
- ⌋ If the disc title is recorded on the MD of this unit, The MD network function does not copy the disc title.
- ⌋ The MD network function does not copy the group name.
- ⌋ After recording with the MD network function, the portable MD player automatically turns off after about 4 minutes to save power. ("P-MD" flashes. To re-establish communication, press [P-MD / AUX] on the remote control.) ⌋ A place where the recording time has an error depending on the source (sound source)
There is a match.

From MDRecord on MD

Preparation: Insert the recording MD and select the long time (LP) mode of the MD if necessary. (\ Page 27)

1

Remote control only

P-MD/AUX

Press
Select "P-MD"

P-MD (18Tr)

Total number of songs on the portable MD side

Every time you press

AUX: General external device
(MD network not supported)

P-MD: MD network compatible device

2

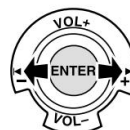
Record all songs



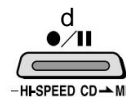
push

Recording will start automatically. When all songs have been recorded, they will stop automatically. (There is a few seconds blank between songs)

Record one song at a time



Tilt to select the song number The selected song will be played automatically for confirmation.



Press after playback starts

It will automatically return to the beginning of the song and start recording. When the recording of one song is finished, it will stop automatically.

Use a visual / title printer [Compatible with SH-CP30 (sold separately)]

You can print the MD label based on the title attached to the MD.
 Use by connecting to the P-MD / AUX terminal. For details, please read the instruction manual of the visual / title printer.

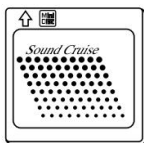
About MD

MD Kind of

• Playback-only MD

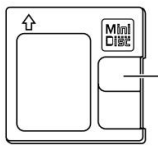
recording is not possible.

Data is recorded with or without a small depression called a pit. This type of MD is called an "optical disc".



• MD for recording

Data is recorded by magnetism. This type of MD is called a "magneto-optical disk".



Shutter

MD About recording and editing

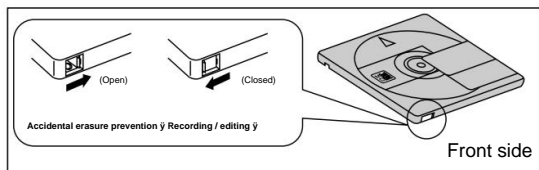
• Unlike tape

A recorded MD automatically records from the continuation of the previous recorded part, so there is no need to search for an unrecorded part like a tape. When the disc is full, use the erase function (1 32, page 33) to erase unnecessary songs before recording. (Overwrite recording is not possible) • The number of songs recorded on one MD is within the recording time.

Up to 254 songs

However, the MD uses an area of about 2 seconds even when recording audio of 2 seconds or less, so the actual recording time may be reduced. • To prevent

erasing important recordings, move the MD erasure prevention knob in the direction of the hole. Please close it when you make a new recording or edit.



• Restrictions on digital recording

There is a restriction called SCMS (Serial Copy Management System) for recording with a digital connection.

Digital recording from a CD to MD provides clear recording with little signal inferiority. So, for copyright protection, from this MD, yet another Digital recording to MD is not possible. (Prohibition of "copying copy".) There are no such restrictions on analog recording.

• Requests for recording and editing

When recording, editing, or entering titles, do not vibrate the device or unplug the power cord. If the power is turned off or there is vibration while "UTOC Writing" is blinking, the recording / editing / title input will not be recorded correctly on the MD.

Come out often MD term

• Track mark

This is the "separation" recorded in the recording part. A song is counted from one break to the next. Track marks are automatically recorded during recording. By adding a track mark, you can record up to 254 song numbers on a single MD.

^{Tok} addition to (Table of Contents) audio signals, the TOC MD has an area for recording the number of songs and playback time, and the content written in that area is called TOC information.

^{Utok} • UTOC (User Table of Contents) This is a TOC that users can freely rewrite. Record the entered characters and edited results.

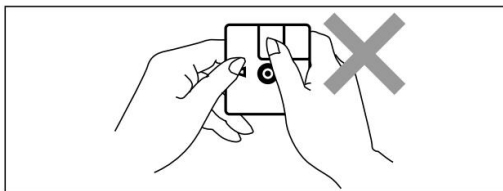
When UTOC information is written to MD "UTOC Writing" is displayed to alert you.

• MARKING

Recording a track mark during recording. This unit determines the transition of the song and marks it.

Handling request

- Do not attach the label to a place other than the specified one. (Also, do not put the MD with the adhesive on the label or tape sticking out or peeling off, as it may cause a malfunction.)
- Do not open the shutter (If it does open, close it immediately. Do not touch the disk inside directly.)



Master

When needed

M

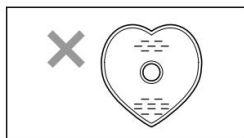
Abc

Care for the CD



Use a disc that conforms to the standard, such as the one with the logo mark on the left. If you use a nonstandard disc, it may not be regenerated correctly.

However, do not use a CD with a special shape such as a heart shape. (It may cause equipment failure)



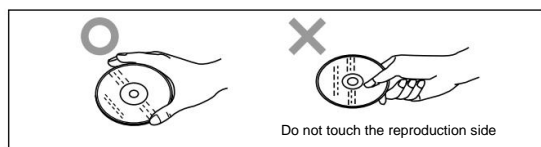
• About CD-R and CD-RW playback Recorded in CD-DA or MP3 format

It supports playback of CD-R and CD-RW. For the CD-DA format, a music disc is used, and finalization * is required at the end of recording.

However, playback may not be possible depending on the recording status. * Can be played on music CD-R / CD-RW playback compatible devices.

To process the sea urchin.

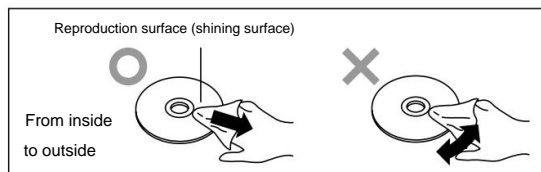
• How to hold



• When it gets dirty ,

wipe it with a soft cloth soaked in water, and then wipe it off.

Recommended product: Cleaning cloth VUA7091 (handled as a service route)

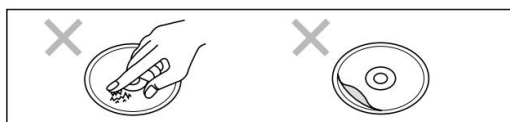


• If there is dew If there

is dew, such as when you suddenly bring it into a warm room, wipe it with a soft, dry cloth.

Handling request

In addition to causing damage to the CD itself, it may also cause damage to the equipment, so please observe the following. • Do not write with a pencil or ballpoint pen. • Do not wipe with record cleaner, thinner, benzene, or alcohol. • Do not attach paper, stickers, or labels. • Do not use protectors to prevent scratches. Do not use CDs with peeled stickers or labels or sticking out glue



• Do not use CDs printed on the disc surface with a commercially available label printer.

• If the machine becomes

dirty , wipe it with a soft cloth. For stubborn

stains, wipe with a cloth dampened with diluted kitchen detergent (neutral), and then wipe with a dry cloth. • Do not use alcohol or thinner.

• When using a chemical cloth, please follow the precautions.

• Enjoy CD / MD with good sound for


We recommend that you clean it from time to time with a special cleaner (sold separately). Recommended product: CD lens cleaner (product number RP-CL510) MD lens cleaner (product number RP-CL310) MD recording head cleaner (product number RP-CL320)

Storage (CD • MD)

• Do not place in the following places. • Places

exposed to direct sunlight. • A place with a lot of humidity and dust. Where the heat of the heater directly hits

Q & A (Frequently Asked Questions)

Q (question)		A (answer)	Reference p
I want to connect my analog player, etc. I want to connect my analog player, etc.	I want to connect my analog player, etc.	If you are currently connecting to the "phono" or "player" terminal of your amplifier, you will need a phono equalizer amplifier. If you connect it as it is, the sound will be reduced.	48
	I want to connect my analog player, etc.	Connect to the P-MD / AUX terminal. Press [P-MD / AUX] on the remote control and select "AUX". Only audio can be enjoyed with this unit.	48
	I want to connect my analog player, etc.	Connect to the P-MD / AUX terminal. Press [P-MD / AUX] on the remote control and select "AUX".	48
Which devices support MD network? I want to record in stereo for a long time I want to know the remaining time of MD I want to overwrite the recorded song I want to record after the recorded MD I changed the volume and sound quality during recording What happens to M ? Can MD recorded on LP2 and LP4 be played on any player? How do I switch between playing songs that have been recorded in stereo for a long time? Does MD recorded with LP2 and LP4 have poor sound quality? Does high-speed recording worsen sound quality?	Which devices support MD network?	 Products with this mark in the catalog are supported.	50
	I want to record in stereo for a long time	Set the LP mode to 2x / 4x before recording.	27
	I want to know the remaining time of MD	While MD is stopped, press [DISPLAY] on the remote control several times to display "MD Rem".	47
	I want to overwrite the recorded song	Unlike tape, MD cannot be overwritten. If the remaining MD time is short, erase the unwanted songs with an eraser before recording.	Erase (\ 32, 33 pages)
	I want to record after the recorded MD	It will automatically record from the continuation of the previous recording part, so record as it is. No cueing is required.	-
	I changed the volume and sound quality during recording What happens to M ?	Adjusting the volume or sound quality during recording to change the sound coming out of the speaker does not affect the recorded sound. The recording level is set automatically.	-
	Can MD recorded on LP2 and LP4 be played on any player?	MDLP It cannot be played on players that do not support. "LP:" is displayed at the beginning of the song title and is played silently.	-
	How do I switch between playing songs that have been recorded in stereo for a long time?	It will switch automatically depending on the recorded state.	-
	Does MD recorded with LP2 and LP4 have poor sound quality?	On LP4, noise may be recorded on rare occasions. Standard time recording (LP MODE OFF) or LP2 recording is recommended.	26
	Does high-speed recording worsen sound quality?	High-speed recording does not affect the sound quality.	-
it?	Is the output from the external device (AUX) small? I'm moving, can I still use	Please use the recommended code.	48
		It can be used regardless of eastern or western Japan. Please reset the area bank of the radio.	twenty four

If such a display appears

Display	Taste or treatment
ADJUST CLOCK	Please set the clock.
ADJUST TIMER	Set the timer time.
BLANK DISC	No song has been recorded on the MD. Please insert the recorded MD when listening. Recording can be done as it is.
CAN NOT EDIT	MD editing is not possible after entering the title during playback. MD editing and title input are not possible during program, random, and group settings. Cancel each setting before performing the editing operation.
CAN'T MEMORY	The copy source MD title cannot be remembered. Please try again.
CHANGE TIME	The start time and end time of the timer are the same time. Please change the end time.
DISC FULL	There is not enough free time on the MD.
DISC, PROTECTED (displayed alternately)	MD is in the erasure prevention state. To record / edit, keep the MD erasure prevention knob closed.
EJECT ERROR or LOAD ERROR	An error occurred when inserting and removing the MD. The power will be turned off automatically, so turn the MD off and then on again.
EMERGENCY, STOP (displayed alternately)	An error occurred during recording. Please reinsert the MD.
ERROR	The operation is different.
GROUP DATA FULL	There is not enough MD space. Shorten or erase the title.
NOT COMBINE	I can't combine. (It is a restriction on the MD recording method.)
NOT DIVIDE	I can't divide. (It is a restriction on the MD recording method.)
NOT MP3 DISC	On a CD-ROM disc, it is displayed without CD-DA or MP3 data and cannot be played.
NOT MP3 ERROR E2 / E4	I tried to play a track in a format that cannot be played on this unit. The track will be skipped and the next song will be played.
Playback DISC	Since it is a playback-only MD, it cannot be recorded or edited.
P-MD ERROR	Communication error with portable MD. Press [P-MD / AUX] on the remote control again.
P-MD (blinking display)	Communication with the portable MD is interrupted. Press [P-MD / AUX] on the remote control again.
REC ERROR	An error occurred during recording. No audio is recorded during display.
SCMS, CAN NOT COPY (displayed alternately)	You cannot record from video CDs, CD-ROMs, or discs with copy prohibition. I tried to record to MD from a CD-R or CD-RW that recorded SCMS (\ 51 page). Digital recording is not possible, so switch the recording mode to "ANALOG REC?" (\ 31 page).
SELECT OVER	I can't choose a track to erase any more.
TITLE FULL (lights up for about 2 seconds)	The title cannot be stored in this unit anymore. You can enter a title for each track up to approximately 100 characters.
TITLE OVER	I tried to enter the titles all at once without enough space to write the titles. After recording or playback is finished and "UTOC Writing" flashes, enter the continuation.
TOC ERROR	There may be a problem reading the MD. After turning the power off and on, turn the MD on again.
	The MD is abnormal or damaged. Replace the MD.
	The MP3 disc could not be read. Please reinsert the disc.
TOC Reading	Loading MD information. You cannot operate during this time.
TRACK NUMBER, NOT EQUAL (displayed alternately)	The title station function cannot be used for MDs with different numbers of songs.
TRACKxxx, PROTECTED, ERASExx ?? (displayed alternately)	The song is protected. Please check if you can delete it. It can be erased.
UTOC FULL	There is no space to write information to the MD. Delete unnecessary titles and songs. (Dividing is not possible in the UTOC FULL state.)

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When needed

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RQT6953

Check this table for symptoms before requesting repairs. If these measures do not fix the problem, or if you have any symptoms other than those shown in this table, please contact the store where you purchased the product.

In such a case		Please check here	process	Referenc
Common to the entire system	Even though the power is off, the display lights up and changes one after another.	Is the demo function working?	Turn off the demo function.	11
	There is no sound.	Is the volume set to the minimum?	Adjust the volume.	12
		Are headphones connected?	Remove the headphones.	49
	The timer does not work even when the set time is reached.	Is the power turned on?	Awake, the voicemail timer will not work unless you turn off the power.	43, 44
		"Z PLAY, z REC, SLEEP, Is ALARM displayed?	Set the timer execution settings for each timer of awakening, answering machine, good night, and alarm and display them.	42 45
	The clock is not displayed when the power is turned off.			Ten
	Common to the entire system The memorized broadcasting station, timer reservation, and time have disappeared.			11
M D	There is no display.	Is the power cord connected correctly?	Unplug the power plug from the outlet and plug it in again.	7
	Cannot play or record	Was there a sudden temperature difference, such as when you suddenly brought it from a cold place to a warm place?	Dew on the lens may be present. Wait about 1 hour before using.	-
		Are you trying to record to a play-only MD?	Insert a recording MD.	51
		Is it in the accidental erasure prevention state?	Close the MD erasure prevention knob.	
		Is the time or number of songs already recorded (up to 254 songs) full?	If there are unnecessary songs, erase them before recording. (MD uses an area of about 2 seconds even if it is recorded for 1 second, so if you record a lot of short songs, the recording time will be slightly longer than the time display on the playback side.)	51
	The number of songs is not displayed even if MD is inserted.	Are you in a mode other than MD (CD, radio, etc.)?	Press [g] (Stop) to switch to "MD".	-
		The MD may be corrupted.	Please check with another MD.	
	Even if MD is inserted, it is not automatically pulled in. Also, there is power to put it in.	Did you apply excessive force to the MD during the discharge operation?	Turn the power off and then on again.	-
	I can't combine or divide. Also, even if the song is erased, the remaining time does not increase.	Are you repeating recording and erasing?	Since the recorded data is gradually divided into smaller pieces, the state shown on the left may occur. (This is a restriction on the MD recording method.) If you perform a search at this time, the sound may be interrupted.	-
			Songs with different recording sound modes (LP MODE OFF / LP2 / LP4 / monaural length) cannot be combined into one song.	-
	MD cannot be operated.	There may be a temporary malfunction in the internal circuit.	Operate after turning the power off / on. If the abnormality recurs, please consult your dealer.	-

In such a case		Please check here	process	Reference page
C D	I can't play it. Even if I insert a CD, the number of songs is not displayed.	Is the CD upside down?	Insert with the label side up.	13
		Are you using a non-standard CD?	Replace with a standard CD.	52
		Was there a sudden temperature difference, such as when you suddenly brought it from a cold place to a warm place?	Dew on the lens may be present. Wait about 1 hour before using.	-
	I can't play a specific part.	Is the CD dirty?	Wipe with a soft cloth.	52
	The sound of the CD jumps. When I record a CD, the sound skips.	Is there a scratch or fingerprint on the back of the CD?	Wipe your fingerprints with a soft cloth. If it is scratched, replace the CD.	52
M P 3	The title is not displayed on the MP3 disc.	Are you using characters that cannot be displayed on this machine (Hiragana, Kanji, etc.)	Use the characters (katakana, alphabets, numbers, symbols) that can be displayed on this machine.	19
	MP3 discs do not load properly.	If you are creating a disc in multiple sessions, did you end the session?	The session was terminated. Please use an MP3 disc.	-
		Is the amount of data per session small?	Make sure that the amount of data in one session is about 5MB (about 2 songs for about 3 minutes) or more.	-
Radio	FM cannot be received well. There is a lot of noise and distortion.	Did you adjust the whip antenna?	Try changing the length and orientation of the whip antenna.	Heavily Noise
		Is the TV, video, BS tuner, etc. turned on?	Try turning off the TV, video, BS tuner, etc.	-
		Is the transmission station far away?	The radio wave becomes weak when the transmission station is far away or in a reinforcing bar building. Try installing it in a place with good conditions, such as near a window.	Heavily Noise
	AM cannot be received well. There is a lot of noise.	Is the AM loop antenna connected?	Try changing the orientation and position of the AM loop antenna. Keep the AM loop antenna away from the main unit.	7, 23
		Is the TV, video, BS tuner, etc. turned on?	Try turning off the TV, video, BS tuner, etc.	-
		Is the antenna cord close to the power cord?	Separate the antenna cord from the power cord.	-
	I can't receive TV broadcasts.	Isn't the radio an AM band?	The TV can only receive 1 to 3 channels of audio in the FM band.	Heavily Noise
Remote controller	I can't operate the remote control.	Isn't the (,) of the dry cell reversed?	Insert (,) correctly.	6
		Is the dry battery exhausted?	Replace with a new dry cell.	

Memory reset (initialization)

In the following cases, reset (initialize) the memory according to the procedure on the right. ; Nothing happens when I press the button. ; I want to erase the memory contents and set again.

* To reset (initialize) the memory contents ; Unplug the power plug from the outlet ; Hold down **[POWER 8]** on the main unit and ; Insert the power plug into the outlet

When "yyyyyyyyyyyy" is displayed on the display, ; **Release [POWER 8] * Reset (initialize) the memory.**

- ; High-speed recording can only be done after about 74 minutes.
- ; Clocks, broadcasting stations, etc. need to be set again.

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When needed

For inquiries **regarding repair, handling, maintenance**, etc **First, please contact the store where you purchased the product.**

If you have a problem with moving or gifts ... •

For repairs, go to the "Repair Consultation Counter" of the service company / sales company! • For other inquiries, please contact "Customer Consultation"

To the center! ÿ

Warranty (separately

attached) Please be sure to enter the date of purchase, the name of the store, etc., and receive it from the store where you purchased the product. Please read it carefully and save it.

Warranty period: 1 year from the date of purchase

ÿ Retention period of performance

parts for repair We have possession of performance parts for repair of personal MD system for 8 years after the production is discontinued. Note) Performance parts for repair are parts necessary to maintain the function of the product.

ÿ When requesting repair

After checking according to the table on pages 56 to 57, if the problem persists, first unplug the power plug and contact the store where you purchased the product. •

During the warranty period, the store where you purchased the product will repair the product in accordance with the terms of the warranty card. We apologize for the inconvenience, but please bring the product with the warranty card. • **If the warranty period has expired, we will** repair the product for a fee if you wish. • **Mechanism of repair fee** The repair fee consists of technical fee, parts fee, business trip fee, etc.

Technical fee Is the cost for diagnosis, repair of faulty parts, replacement of parts, adjustment, inspection at the completion of repair, etc. The cost of **parts** is the cost of parts and auxiliary materials used for repair. The **business trip fee** is the cost of dispatching a technician to the place where the product is located.

What you would like us to contact

Product name	Personal MD system	Date of purchase	Date
Product number	RX-MDX61	Failure status	Be as specific as possible

Consultation on repairs

National / Panasonic Repair consultation desk

Navi dial (nationwide common number)  **0570-087-087**

- You will be connected to the nearest repair consultation desk from the place you called. Before the ringing tone, NTT will inform you of the estimated call charge. ÿ From a mobile phone, PHS, etc., please
- call the nearest repair consultation desk directly. Please see the next page for the nearest repair consultation desk. ÿ
-

Consultation on how to use and

National / Panasonic Customer Service

365 days / Reception 9: 00-20: 00.

Pana is 365 days a year

Telephone  **0120-878-365 ÿ**

For mobile phones and PHS ...

FAX  **06-6371-1187 0120-878-236 Free**

Help desk for foreign residents in Japan <Consultation desk for foreigners / overseas specification products (tourist products, etc.)>

Tokyo (03) 3256 --5444 **Osaka** (06) 6645 --8787

Open: 9:00 --17:30 (closed on Saturdays / Sundays / national holidays)

National / Panasonic.

Repair consultation desk

Navi dial ỹ (nationwide
common number) ỹ



0570-087-087

- You will be connected to the nearest repair consultation desk from the place you called.
Before the ringing tone, NTT will inform you of the estimated call charge. ỹ From a mobile
• phone, PHS, etc., please call the nearest repair consultation desk directly. ỹ

Hokkaido area ,

Sapporo ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
ỹ Left 1 ỹ Nishikyo and the Hakodate Distrib

Jominami 1-chome,
Asahikawa-shi, 7-11
Kyoto,
Hakodate, 589, Takeda Nakagawaracho ,
Fushimi-ku, Kyoto

☎ (0166) 31-6151 ☎ (0138) 48-6631

Kinki district ,

Katsub ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
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Wakayama-shi, 2-2-2
Shiga ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
ỹ Left 1 ỹ Nishikyo and the Hakodate Distrib

☎ (077) 582-5021 71-4 ☎ 672-9636
☎ 1-7 (078) 272-6645
☎ (06) 6359-6225

Tohoku district ,

Aomori. ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
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Aomori City 4-1-8
Sendai (022) 387-1117
Yamagata City ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
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☎ (017) 739-9712 ☎ (022) 387-1117
☎ (018) 826-1600 ☎ (019) 639-5120
☎ 65 (0243) 34-1301

China district ỹ

Tottori , Yasunaga , Tottori City
ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
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Yonago 4-2-33 Yonehara, Yonago
City (0859) 34-2129
Matsue ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
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☎ 295-1 (0857) 26-9695 ☎ 132-1162
☎ City (0859) 34-2129 ☎ Minamikanon, Nishi-ku,
Hiroshima City ỹ
13-20
☎ (082) 295-5011
☎ 22-6629 ☎ 416 Watarihashicho,
Izumi City (053) 21-1334
Town 327-93 (0855)

Metropolitan area ỹ

Chiba ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
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☎ (028) 669-2550 ☎ (028) 669-2550
☎ (027) 352-1109 ☎ (027) 352-1109
☎ (029) 225-0249 ☎ (029) 225-0249
☎ (0298) 64-8756 ☎ (0298) 64-8756
☎ (048) 728-8960 ☎ (048) 728-8960

Shikoku district ,

Kagawa , 152-2 Chokushicho, Takamatsu City
ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
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Okochi , 366-842 (088)
Ehime 750-2 Doidamachi, Matsuyama City
ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
ỹ Left 1 ỹ Nishikyo and the Hakodate Distrib

☎ (087) 868-9477 ☎ (088) 366-842
☎ (087) 868-9477 ☎ (088) 366-842
☎ (089) 971-2144

Kyushu area

Kurume ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
ỹ Left 1 ỹ Nishikyo and the Hakodate Distrib

Saga , Nabeshimamachi, Saga
City, Oaza, Yae,
Kamifukacho, 3044 (0952)
ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
ỹ Left 1 ỹ Nishikyo and the Hakodate Distrib

☎ (0969) 22-3125 ☎ (0969) 22-3125
☎ 26-9151 ☎ 830-1658
☎ (097) 556-3815 ☎ (097) 556-3815
☎ (0985) 63-1213

Chubu District ,

City, Ishi ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
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City, Ishi ỹ 2-17-7 Atsubetsu Minami, Atsubetsu-ku, Sapporo ỹ 2-17-7 (011) 894-1251
ỹ 21 -chome, 2 Jodori , Asahikawa City (0155) 33-8477
ỹ Left 1 ỹ Nishikyo and the Hakodate Distrib

☎ (052) 819-0225 ☎ (052) 819-0225
☎ (052) 819-0225 ☎ (052) 819-0225
☎ (052) 819-0225 ☎ (052) 819-0225
☎ (052) 819-0225 ☎ (052) 819-0225

Okinawa area

4-23-11 Gusukuma, Urasoe City, Okinawa

Please note that the location and phone number are subject to change. ỹ

0103

Certificate

When needed

Please re

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timer 42 Album (Play / Repeat /
Skip) 19 Album Group Scan 18 Album
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mode 28, 48

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REC 30 JOY
controller 1 0 MANUAL
REC 30 (long-time stereo recording /
MDLP playback) 26 MD
network 50
MP3 19
SCMS 31, 51
TOC 51
UTOC 51

	<p>Check your personal MD system for many years!</p>	
	<p>Do you have any of these symptoms?</p>	<p> i Smoke, unusual odors and noises. There may be no sound. i It may not work properly. i The product has a damaged part. There are other abnormalities or failures </p>
	<p>If you experience any of these symptoms, discontinue use and be sure to consult your dealer for inspection to prevent malfunctions and accidents.</p>	

Convenient memo (It is convenient to fill in because it is remembered)			
Dealer name	1 ()	Product number	RX-MDX61
Customer		Date of purchase	date

consultation desk()

Matsushita Electric Industrial Co., Ltd. Network
less Group 1-4, Matsuo-cho, Kadoma-
3505 C Matsushita Electric Industrial Co.,

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Ltd. 2003 RQT6953

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